



Stevens Point Christian Academy K-6th Science Academic Standards/Scope & Sequence

Code: I= Introduced R= Reinforced M= Mastered

Key Scriptures: Gen. 1:1 "In the beginning God created the heavens and the earth."

Acts 17:24-28 "The God who made the world and everything in it is the Lord of heaven and earth and does not live in temples built by human hands.²⁵ And he is not served by human hands, as if he needed anything. Rather, he himself gives everyone life and breath and everything else.²⁶ From one man he made all the nations, that they should inhabit the whole earth; and he marked out their appointed times in history and the boundaries of their lands.²⁷ God did this so that they would seek him and perhaps reach out for him and find him, though he is not far from any one of us.²⁸ For in him we live and move and have our being.'^(a) As some of your own poets have said, 'We are his offspring' (NIV).

| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: A Changing Earth – God is Creator of everything | I | R | R | R | R | R | M |
| Science: A Changing Earth - Earthquakes | | | I | | | | R |
| Science: A Changing Earth – Continent | | | I | | | | R |
| Science: A Changing Earth – Island | | | I | | | | R |
| Science: A Changing Earth – Plate Tectonics | | | | | | | I |
| Science: A Changing Earth - Lithosphere | | | | | | | I |
| Science: A Changing Earth - Plates | | | | | | | I |
| Science: A Changing Earth – Theory of plate tectonics | | | | | | | I |
| Science: A Changing Earth – Crust | | | I | | | R | R |
| Science: A Changing Earth - Mantle | | | I | | | R | R |
| Science: A Changing Earth – Core | | | I | | | R | R |
| Science: A Changing Earth – Inner Core | | | | | | | I |
| Science: A Changing Earth – Outer Core | | | | | | | I |
| Science: A Changing Earth – Plate boundaries | | | | | | | I |
| Science: A Changing Earth – Faults (Reverse/Normal/Strike-slip) | | | | | | | I |
| Science: A Changing Earth – Earthquake Waves | | | | | | | I |
| Science: A Changing Earth – Focus/Epicenter | | | | | | | I |
| Science: A Changing Earth – Seismic Waves | | | | | | | I |
| Science: A Changing Earth - Seismologists | | | | | | | I |
| Science: A Changing Earth – P Waves/S Waves | | | | | | | I |
| Science: A Changing Earth - Seismograph | | | I | | | | R |
| Science: A Changing Earth – The Mercalli scale | | | | | | | I |
| Science: A Changing Earth – The Richter scale | | | | | | | I |
| Science: A Changing Earth - Magnitude | | | | | | | I |
| Science: A Changing Earth - Tsunamis | | | | | | | I |
| Science: A Changing Earth - Volcanoes | | | I | | | | R |
| Science: A Changing Earth – Drilling | | | I | | | | R |



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| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: A Changing Earth – Magma | | | | | | I | R |
| Science: A Changing Earth - Volcanologists | | | | | | | I |
| Science: A Changing Earth – Magma chambers | | | | | | | I |
| Science: A Changing Earth - Lava | | | | | | I | R |
| Science: A Changing Earth – Crater | | | | | | | I |
| Science: A Changing Earth – Vent/Side Vent | | | | | | | I |
| Science: A Changing Earth – Ring of Fire | | | | | | | I |
| Science: A Changing Earth – Hot Spots | | | | | | | I |
| Science: A Changing Earth – Cinder Cone Volcano | | | | | | | I |
| Science: A Changing Earth – Shield Volcano | | | | | | | I |
| Science: A Changing Earth – Composite Cone Volcano | | | | | | | I |
| Science: A Changing Earth - Tephra | | | | | | | I |
| Science: A Changing Earth – Active Volcano | | | | | | | I |
| Science: A Changing Earth – Dormant Volcano | | | | | | | I |
| Science: A Changing Earth – Extinct Volcano | | | | | | | I |
| Science: A Changing Earth – Types of eruptions | | | | | | | I |
| Science: A Changing Earth – Pyroclastic flow | | | | | | | I |
| Science: A Changing Earth - Vog | | | | | | | I |
| Science: A Changing Earth – Debris flow | | | | | | | I |
| Science: A Changing Earth – Products of volcanoes | | | | | | | I |
| Science: A Changing Earth – Sediment | | | | | | I | R |
| Science: A Changing Earth – Other Thermal Eruptions | | | | | | | I |
| Science: A Changing Earth – Geyser | | | | | | | I |
| Science: A Changing Earth – Hot Spring | | | | | | | I |
| Science: A Changing Earth – Mud Pot | | | | | | | I |
| Science: A Changing Earth - Weathering | | | | I | R | | R |
| Science: A Changing Earth – Sedimentary Rocks | | | | I | | R | R |



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| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|--|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: A Changing Earth – Igneous Rocks | | | | I | | R | R |
| Science: A Changing Earth – Metamorphic Rocks | | | | I | | R | R |
| Science: A Changing Earth – Rock Cycle | | | | | | | I |
| Science: A Changing Earth – Mechanical weathering | | | | | | | I |
| Science: A Changing Earth - Exfoliating | | | | | | | I |
| Science: A Changing Earth - Abrasion | | | | | | | I |
| Science: A Changing Earth – Frost Heaving | | | | | | | I |
| Science: A Changing Earth – Frost action | | | | | I | | R |
| Science: A Changing Earth – Abrasion | | | | | I | | R |
| Science: A Changing Earth – Hoodoo | | | | | | | I |
| Science: A Changing Earth – Chemical Weathering | | | | | | | I |
| Science: A Changing Earth - Oxidation | | | | | | | I |
| Science: A Changing Earth – Reaction to acids | | | | | | | I |
| Science: A Changing Earth – Carbonic Acid | | | | | | | I |
| Science: A Changing Earth – Acid rain | | | | | | | I |
| Science: A Changing Earth – Caves | | | | | | | I |
| Science: A Changing Earth – Stalactites/Stalagmites | | | | | | | I |
| Science: A Changing Earth - Spelunkers | | | | | | | I |
| Science: A Changing Earth - Soil | | | I | R | I | | R |
| Science: A Changing Earth – Humus | | | | I | R | | R |
| Science: A Changing Earth - Pedologists | | | | | | | I |
| Science: A Changing Earth – Types of Soil (Sand/Clay/Silt) | | | | I | | R | R |
| Science: A Changing Earth – Organic | | | | | | I | R |
| Science: A Changing Earth – Soil Texture | | | | | | | I |
| Science: A Changing Earth - Loam | | | | | | | I |
| Science: A Changing Earth – Soil horizons | | | | | | | I |
| Science: A Changing Earth – Topsoil/Subsoil/Bedrock | | | | I | R | | R |



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|--|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: A Changing Earth – Erosion (Wind/Ice/Water) | | | | | I | | R |
| Science: A Changing Earth - Deposition | | | | | I | | R |
| Science: A Changing Earth – Mass Movement | | | | | | | I |
| Science: A Changing Earth – Soil Creep | | | | | | | I |
| Science: A Changing Earth – Earth flow | | | | | | | I |
| Science: A Changing Earth - Mudflow | | | | | | | I |
| Science: A Changing Earth - Rockslide | | | | | | | I |
| Science: A Changing Earth - Avalanche | | | | | | | I |
| Science: A Changing Earth – Stream Erosion | | | | | | | I |
| Science: A Changing Earth - Load | | | | | I | | I |
| Science: A Changing Earth – Dissolved Load | | | | | | | I |
| Science: A Changing Earth – Suspended Load | | | | | | | I |
| Science: A Changing Earth - Delta | | | | | | | I |
| Science: A Changing Earth - Floodplain | | | | | | | I |
| Science: A Changing Earth – Wave Erosion | | | | | | | I |
| Science: A Changing Earth – Wind Erosion | | | | | | | I |
| Science: A Changing Earth - Deflation | | | | | | | I |
| Science: A Changing Earth – Dust storms | | | | | | | I |
| Science: A Changing Earth - Sandstorms | | | | | | | I |
| Science: A Changing Earth – Ice Erosion | | | | | | | I |
| Science: A Changing Earth - Glaciers | | | | | I | | R |
| Science: A Changing Earth – Landslide | | | | | I | | R |
| Science: A Changing Earth – Landfills | | | | | I | | R |
| Science: A Changing Earth - Plucking | | | | | | | I |
| Science: A Changing Earth - Moraines | | | | | | | I |
| Science: A Changing Earth – Natural resources | | | I | | R | | R |
| Science: A Changing Earth – Trees | | | I | | R | | R |



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| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: A Changing Earth – Renewable resources | | | | | I | | R |
| Science: A Changing Earth – Nonrenewable resources | | | | | I | | R |
| Science: A Changing Earth – Fossil Fuels | | | I | | R | R | R |
| Science: A Changing Earth - Petroleum | | | | | | | I |
| Science: A Changing Earth – Crude Oil | | | | | | | I |
| Science: A Changing Earth – Oil Refinery | | | | | | | I |
| Science: A Changing Earth - Petrochemicals | | | | | | | I |
| Science: A Changing Earth – Natural Gas | | | | | | | I |
| Science: A Changing Earth – Coal (Anthracite, bituminous, lignite) | | | | | | | I |
| Science: A Changing Earth – Nuclear Energy | | | | | | | I |
| Science: A Changing Earth - Uranium | | | | | | | I |
| Science: A Changing Earth – Renewable Energy | | | | | | | I |
| Science: A Changing Earth – Hydroelectric Energy | | | | | I | | R |
| Science: A Changing Earth - Reservoirs | | | | | | | I |
| Science: A Changing Earth - Turbine | | | | | | | I |
| Science: A Changing Earth – Geothermal energy | | | | | | | I |
| Science: A Changing Earth – Wind energy | | | | | I | | R |
| Science: A Changing Earth – Windmills/Wind farm | | | | | I | | R |
| Science: A Changing Earth – Solar energy | | | | | I | | R |
| Science: A Changing Earth – Solar cells | | | | | | | I |
| Science: A Changing Earth – Solar panels/Solar field | | | | | | | I |
| Science: A Changing Earth - Minerals | | | | I | | R | R |
| Science: A Changing Earth – Mineral color | | | | | | I | |
| Science: A Changing Earth – Mineral streak | | | | | | I | |
| Science: A Changing Earth – Mineral luster | | | | | | I | |
| Science: A Changing Earth – Mineral hardness | | | | | | I | |
| Science: A Changing Earth – Mineral cleavage | | | | | | I | |



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|---|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: A Changing Earth – Mineral fracture | | | | | | I | |
| Science: A Changing Earth – Gemstones | | | | | | I | |
| Science: A Changing Earth – Inorganic | | | | | | I | |
| Science: A Changing Earth – Crystal | | | | | | I | |
| Science: A Changing Earth – Mineral veins | | | | | | | I |
| Science: A Changing Earth - Ores | | | | | | | I |
| Science: A Changing Earth - Smelting | | | | | | | I |
| Science: A Changing Earth – Metals | | | | | | I | R |
| Science: A Changing Earth – Precious Metals (silver, gold) | | | | | | | I |
| Science: A Changing Earth – Other Metals (copper, iron, aluminum) | | | | | | | I |
| Science: A Changing Earth – Soil Conservation | | | | | I | | R |
| Science: A Changing Earth - Fallow | | | | | | | I |
| Science: A Changing Earth – Ground cover | | | | | | | I |
| Science: A Changing Earth – Contour plowing | | | | | | | I |
| Science: A Changing Earth – Modern farms | | | | | | | I |
| Science: A Changing Earth – Global Positioning System | | | | | | | I |
| Science: A Changing Earth – Water (Oceans, icecaps, ground water, freshwater, seas, salt lakes, atmosphere, rivers) | | | I | | R | | R |
| Science: A Changing Earth – Water cycle | | | | I | R | R | M |
| Science: A Changing Earth - Precipitation | | | | | I | | M |
| Science: A Changing Earth – Vaporization | | | | | | I | R |
| Science: A Changing Earth - Transpiration | | | | | | | I |
| Science: A Changing Earth - Evaporation | | | I | R | R | R | M |
| Science: A Changing Earth - Condensation | | | I | R | R | R | M |
| Science: A Changing Earth – Tide | | | | | I | | |
| Science: A Changing Earth – Waves | | | | | I | | |
| Science: A Changing Earth – Current | | | | | I | | |



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|--|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: A Changing Earth – Physical Change | | | | I | | R | |
| Science: A Changing Earth – Mixture | | | | I | | R | |
| Science: A Changing Earth – Solution | | | | | | I | |
| Science: A Changing Earth – Solute | | | | | | I | |
| Science: A Changing Earth – Solvent | | | | | | I | |
| Science: A Changing Earth – Concentration | | | | | | I | |
| Science: A Changing Earth – Solution | | | | | | I | |
| Science: A Changing Earth – Ground water/Surface water | | | | | | | I |
| Science: A Changing Earth - Hydrosphere | | | | | | | I |
| Science: A Changing Earth - Oceans | | | | | I | | R |
| Science: A Changing Earth – Plankton | | | | | I | | R |
| Science: A Changing Earth - Phytoplankton | | | | | | | I |
| Science: A Changing Earth – Fresh water | | | | | | | I |
| Science: A Changing Earth – Ground water | | | | | | I | I |
| Science: A Changing Earth - Aquifers | | | | | | | I |
| Science: A Changing Earth - Atmosphere | | | | | | | I |
| Science: A Changing Earth - Humidity | | | | | | | I |
| Science: A Changing Earth – Water vapor | | | I | | | | I |
| Science: A Changing Earth – Frozen water | | | | | | | I |
| Science: A Changing Earth – Ice sheet | | | | | | | I |
| Science: A Changing Earth – Ice shelf | | | | | | | I |
| Science: A Changing Earth - Icebergs | | | | | | | I |
| Science: A Changing Earth – Sea ice | | | | | | | I |
| Science: A Changing Earth – God is the Living Water | | | | | | | I |
| Science: A Changing Earth – Preserving our resources | | | | | | | I |
| Science: A Changing Earth – Landforms | | | | | I | | R |
| Science: A Changing Earth - Reduce | | | I | | R | | |



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| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: A Changing Earth - Reuse | | | I | | R | | |
| Science: A Changing Earth - Recycle | | | I | | R | | |
| Science: A Changing Earth – Autonomous Underwater Vehicles | | | | | | | I |
| Science: God’s Living Creatures - Organisms | | | | | | | I |
| Science: God’s Living Creatures – God created living and nonliving things. | | | | | | | I |
| Science: God’s Living Creatures – Life span | | | | | | | I |
| Science: God’s Living Creatures – Life cycle | | | I | | | | I |
| Science: God’s Living Creatures – Basic needs | | | I | | R | | |
| Science: God’s Living Creatures – Community | | | I | R | R | | |
| Science: God’s Living Creatures – Populations | | | I | R | | R | |
| Science: God’s Living Creatures – Habitat | | | I | R | | R | |
| Science: God’s Living Creatures – Niche | | | | | | I | |
| Science: God’s Living Creatures – Environment | | | I | R | R | R | |
| Science: God’s Living Creatures – Ecosystem | | | | I | R | R | |
| Science: God’s Living Creatures – Producers | | | | I | | R | |
| Science: God’s Living Creatures – Consumers | | | | I | | R | |
| Science: God’s Living Creatures – Decomposers | | | | I | | R | |
| Science: God’s Living Creatures – Living things reproduce | | | I | | | | R |
| Science: God’s Living Creatures – Living things respond to their environments | | | | | | | I |
| Science: God’s Living Creatures – Living things use energy | | | | | | | I |
| Science: God’s Living Creatures – Living things are made of cells | | | | | | | I |
| Science: God’s Living Creatures – Cell/Cell Theory | | | | | | | I |
| Science: God’s Living Creatures – Robert Hooke | | | | | | | I |
| Science: God’s Living Creatures - Microscope | | | | I | | | R |
| Science: God’s Living Creatures – Using a microscope | | | | | | | I |
| Science: God’s Living Creatures – Parts of a microscope | | | | | | | I |



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|---|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: God's Living Creatures – Cells | | | | I | | | R |
| Science: God's Living Creatures - Tissues | | | | I | | | R |
| Science: God's Living Creatures - Organs | | | | I | | | R |
| Science: God's Living Creatures - Systems | | | | I | | | R |
| Science: God's Living Creatures – Cell structure (Animal) | | | | | | | I |
| Science: God's Living Creatures - Cell membrane | | | | I | | | R |
| Science: God's Living Creatures - Cytoplasm | | | | I | | | R |
| Science: God's Living Creatures - Ribosomes | | | | | | | I |
| Science: God's Living Creatures – Endoplasmic reticulum | | | | | | | I |
| Science: God's Living Creatures - Chromosomes | | | | | | | I |
| Science: God's Living Creatures - Nucleus | | | | I | | | R |
| Science: God's Living Creatures – Epidermis | | | | I | | | R |
| Science: God's Living Creatures – Dermis | | | | I | | | R |
| Science: God's Living Creatures – Fingerprints | | | | I | | | |
| Science: God's Living Creatures - Vacuole | | | | | | | I |
| Science: God's Living Creatures - Mitochondrion | | | | | | | I |
| Science: God's Living Creatures - Organelles | | | | | | | I |
| Science: God's Living Creatures – Cell structure (Plants) | | | | | | | I |
| Science: God's Living Creatures – Cell wall | | | | I | | | R |
| Science: God's Living Creatures - Chloroplasts | | | | I | | | R |
| Science: God's Living Creatures - Chlorophyll | | | | I | | | R |
| Science: God's Living Creatures – Stomata | | | | I | | | R |
| Science: God's Living Creatures - Vacuoles | | | | | | | I |
| Science: God's Living Creatures – Cell Reproduction | | | | | | | I |
| Science: God's Living Creatures – Cell division | | | | | | | I |
| Science: God's Living Creatures - Mitosis | | | | | | | I |
| Science: God's Living Creatures - Meiosis | | | | | | | I |



Stevens Point Christian Academy K-6th Science Academic Standards/Scope & Sequence

Code: I= Introduced R= Reinforced M= Mastered

Key Scriptures: Gen. 1:1 "In the beginning God created the heavens and the earth."

Acts 17:24-2 "The God who made the world and everything in it is the Lord of heaven and earth and does not live in temples built by human hands.²⁵ And he is not served by human hands, as if he needed anything. Rather, he himself gives everyone life and breath and everything else.²⁶ From one man he made all the nations, that they should inhabit the whole earth; and he marked out their appointed times in history and the boundaries of their lands. ²⁷ God did this so that they would seek him and perhaps reach out for him and find him, though he is not far from any one of us. ²⁸'For in him we live and move and have our being.'²⁹ As some of your own poets have said, 'We are his offspring' (NIV).

| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: God's Living Creatures – Reproduction of Multicellular | | | | | | | I |
| Science: God's Living Creatures – Sexual Reproduction | | | | | | | I |
| Science: God's Living Creatures - Classification | | | | | | | I |
| Science: God's Living Creatures – Living Kingdoms (Eubacteria) | | | | | | | I |
| Science: God's Living Creatures - Bacteria | | | | | | | I |
| Science: God's Living Creatures – Living Kingdoms (Archaeobacteria) | | | | | | | I |
| Science: God's Living Creatures – Living Kingdoms (Protista) | | | | | | | I |
| Science: God's Living Creatures - Protozoans | | | | | | | I |
| Science: God's Living Creatures – Paramecium, amoeba, algae | | | | | | | I |
| Science: God's Living Creatures – Living Kingdoms (Fungi) | | | | | | | I |
| Science: God's Living Creatures – Living Kingdoms (Plantae) | | | | | | | I |
| Science: God's Living Creatures - Photosynthesis | | | | I | | R | R |
| Science: God's Living Creatures – Respiration | | | | | | I | R |
| Science: God's Living Creatures – Decomposition | | | | | | I | R |
| Science: God's Living Creatures – Living Kingdoms (Animalia) | | | | | | | I |
| Science: God's Living Creatures – Baby animals | I | R | R | | | | |
| Science: God's Living Creatures – Animal homes (shelter) | I | R | R | | R | | |
| Science: God's Living Creatures – Adaptation | | | | | I | I | |
| Science: God's Living Creatures – Camouflage | | | | I | R | | |
| Science: God's Living Creatures – Mimicry | | | | | I | | |
| Science: God's Living Creatures – Migration | | | | | I | R | |
| Science: God's Living Creatures – Hibernation | | | | | I | R | |
| Science: God's Living Creatures – Symbiosis | | | | | | R | |
| Science: God's Living Creatures – Parasite | | | | | | I | |
| Science: God's Living Creatures – Host | | | | | | I | |
| Science: God's Living Creatures – Pollution | | | | | I | | |
| Science: God's Living Creatures – Extinct | | | | | | I | |



Stevens Point Christian Academy K-6th Science Academic Standards/Scope & Sequence

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Key Scriptures: Gen. 1:1 "In the beginning God created the heavens and the earth."

Acts 17:24-2 "The God who made the world and everything in it is the Lord of heaven and earth and does not live in temples built by human hands.²⁵ And he is not served by human hands, as if he needed anything. Rather, he himself gives everyone life and breath and everything else.²⁶ From one man he made all the nations, that they should inhabit the whole earth; and he marked out their appointed times in history and the boundaries of their lands. ²⁷ God did this so that they would seek him and perhaps reach out for him and find him, though he is not far from any one of us. ²⁸'For in him we live and move and have our being.'²⁹ As some of your own poets have said, 'We are his offspring' (NIV).

| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|--|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: God's Living Creatures – Endangered | | | | | | I | |
| Science: God's Living Creatures – Threatened | | | | | | I | |
| Science: God's Living Creatures – Native species | | | | | | I | |
| Science: God's Living Creatures – Invasive species | | | | | | | I |
| Science: God's Living Creatures – Naming Organisms | | | | | | | I |
| Science: God's Living Creatures - Kingdom | | | | | | | I |
| Science: God's Living Creatures - Phylum | | | | | | | I |
| Science: God's Living Creatures - Class | | | | | | | I |
| Science: God's Living Creatures - Order | | | | | | | I |
| Science: God's Living Creatures - Family | | | | | | | I |
| Science: God's Living Creatures - Genus | | | | | | | I |
| Science: God's Living Creatures - Species | | | | | | | I |
| Science: God's Living Creatures - Invertebrates | | | | I | | | R |
| Science: God's Living Creatures – Sponges and Stinging Animals | | | | | | | I |
| Science: God's Living Creatures - Mollusks | | | | | | | I |
| Science: God's Living Creatures - Echinoderms | | | | | | | I |
| Science: God's Living Creatures - Flatworms | | | | | | | I |
| Science: God's Living Creatures - Roundworms | | | | | | | I |
| Science: God's Living Creatures – Segmented Worms | | | | | | | I |
| Science: God's Living Creatures - Arthropods | | | | | I | | R |
| Science: God's Living Creatures - Crustaceans | | | | | | | I |
| Science: God's Living Creatures – Ocean Animals | I | R | | | | | R |
| Science: God's Living Creatures - Arachnids | | | | | | | I |
| Science: God's Living Creatures – Centipedes and millipedes | | | | | | | I |
| Science: God's Living Creatures – Ants | I | R | | | R | | |
| Science: God's Living Creatures – Bees | | | | | I | | |
| Science: God's Living Creatures – Spiders | | | | | I | | |



Stevens Point Christian Academy K-6th Science Academic Standards/Scope & Sequence

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Key Scriptures: Gen. 1:1 "In the beginning God created the heavens and the earth."

Acts 17:24-2 "The God who made the world and everything in it is the Lord of heaven and earth and does not live in temples built by human hands.²⁵ And he is not served by human hands, as if he needed anything. Rather, he himself gives everyone life and breath and everything else.²⁶ From one man he made all the nations, that they should inhabit the whole earth; and he marked out their appointed times in history and the boundaries of their lands. ²⁷God did this so that they would seek him and perhaps reach out for him and find him, though he is not far from any one of us. ²⁸'For in him we live and move and have our being.'^(a) As some of your own poets have said, 'We are his offspring' (NIV).

| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: God's Living Creatures - Insects | | | | | I | | |
| Science: God's Living Creatures – Parts of an Insect | I | R | | | R | | |
| Science: God's Living Creatures – Metamorphosis | | | I | R | R | | |
| Science: God's Living Creatures – Frog life cycle | | | I | | | | |
| Science: God's Living Creatures – Butterfly life cycle | | I | R | | | | |
| Science: God's Living Creatures – Complete Metamorphosis | | | | | I | | |
| Science: God's Living Creatures – Incomplete Metamorphosis | | | | | I | | |
| Science: God's Living Creatures - Vertebrates | | | | I | | | R |
| Science: God's Living Creatures - Fish | | | | I | | | R |
| Science: God's Living Creatures – Cold-blooded | | | | I | | | R |
| Science: God's Living Creatures – Cartilage fish | | | | | | | I |
| Science: God's Living Creatures – Bony fish | | | | | | | I |
| Science: God's Living Creatures - Amphibians | | | | I | | | R |
| Science: God's Living Creatures - Reptiles | | | | I | | | R |
| Science: God's Living Creatures - Turtles | I | R | | | | | |
| Science: God's Living Creatures – Lizards and snakes | | | | | | | I |
| Science: God's Living Creatures - Crocodilians | | | | | | | I |
| Science: God's Living Creatures - Birds | I | R | | R | | | R |
| Science: God's Living Creatures – Warm-blooded | | | | I | | | R |
| Science: God's Living Creatures - Mammals | I | R | | R | | | R |
| Science: God's Living Creatures - Monotremes | | | | | | | I |
| Science: God's Living Creatures - Marsupials | I | R | | R | | | R |
| Science: God's Living Creatures – Rodents, rabbits, and moles | | | | | | | I |
| Science: God's Living Creatures - Insectivores | | | | | | | I |
| Science: God's Living Creatures - Bats | | | | | | | I |
| Science: God's Living Creatures - Nocturnal | | | | | | | I |
| Science: God's Living Creatures – Hoofed Mammals | | | | I | | | R |



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Key Scriptures: Gen. 1:1 "In the beginning God created the heavens and the earth."

Acts 17:24-2 "The God who made the world and everything in it is the Lord of heaven and earth and does not live in temples built by human hands.²⁵ And he is not served by human hands, as if he needed anything. Rather, he himself gives everyone life and breath and everything else.²⁶ From one man he made all the nations, that they should inhabit the whole earth; and he marked out their appointed times in history and the boundaries of their lands. ²⁷ God did this so that they would seek him and perhaps reach out for him and find him, though he is not far from any one of us. ²⁸'For in him we live and move and have our being.'²⁹ As some of your own poets have said, 'We are his offspring' (NIV).

| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|--|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: God's Living Creatures - Carnivores | | | | I | | | R |
| Science: God's Living Creatures – Herbivore | | | | I | | | R |
| Science: God's Living Creatures – Omnivore | | | | I | | | R |
| Science: God's Living Creatures – Food Chain | | | | I | | | R |
| Science: God's Living Creatures – Predator | | | | I | | R | R |
| Science: God's Living Creatures – Prey | | | | I | | R | R |
| Science: God's Living Creatures – Food Web | | | | I | | R | R |
| Science: God's Living Creatures – Competition | | | | | | I | |
| Science: God's Living Creatures – Marine Mammals | | | | I | | | |
| Science: God's Living Creatures – Flying Mammals | | | | I | | | |
| Science: God's Living Creatures – Climbing Mammals | | | | I | | | |
| Science: God's Living Creatures – Gnawing Mammals | | | | I | | | |
| Science: God's Living Creatures – Hunting Mammals | | | | I | | | |
| Science: God's Living Creatures - Primates | | | | | | | I |
| Science: God's Living Creatures - Humans | | | | I | | | |
| Science: God's Living Creatures – Give examples of each group of animals | | | | | | | I |
| Science: God's Living Creatures – Animals (God provides all that the animals need) | | | | | | | I |
| Science: God's Living Creatures – Learned behavior | | | | I | | R | |
| Science: God's Living Creatures – Instinct | | | | I | R | R | |
| Science: God's Living Creatures – Plants (Vascular and Nonvascular) | | | | | | | I |
| Science: God's Living Creatures – Mosses (Nonvascular) | | | | | | | I |
| Science: God's Living Creatures – Liverworts (Nonvascular) | | | | | | | I |
| Science: God's Living Creatures – Seedless Vascular Plants | | | | | | | I |
| Science: God's Living Creatures – Horsetails (Vascular) | | | | | | | I |
| Science: God's Living Creatures – Club Mosses (Vascular) | | | | | | | I |
| Science: God's Living Creatures – Ferns (Vascular) | | | | | | | I |



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Key Scriptures: Gen. 1:1 "In the beginning God created the heavens and the earth."

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| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: God's Living Creatures – Seed-bearing Vascular Plants | | | | | | | I |
| Science: God's Living Creatures – Gymnosperms - Cycads | | | | | | | I |
| Science: God's Living Creatures – Gymnosperms - Ginkgoes | | | | | | | I |
| Science: God's Living Creatures – Gymnosperms - Gnetophytes | | | | | | | I |
| Science: God's Living Creatures – Gymnosperms - Conifers | | | | | I | | R |
| Science: God's Living Creatures – Angiosperms - Dicotyledons | | | | | | | I |
| Science: God's Living Creatures – Angiosperms - Monocotyledons | | | | | | | I |
| Science: God's Living Creatures – Angiosperms - Cotyledons | | | | | | | I |
| Science: God's Living Creatures – Parts of a plant (flower, leaf, root, seed, stem) | I | R | R | R | M | | |
| Science: God's Living Creatures – How seeds travel | | | I | | R | | |
| Science: God's Living Creatures – Disperse | | | | | I | | |
| Science: God's Living Creatures – Plant life cycle | | | I | | | | R |
| Science: God's Living Creatures – Angiosperms – Annual/Biennial/Perennial | | | | | | | I |
| Science: God's Living Creatures – Plant Products | | | | | | | I |
| Science: God's Living Creatures – Plant Parts (Xylem) | | | | | | | I |
| Science: God's Living Creatures – Plant Parts (Phloem) | | | | I | | | R |
| Science: God's Living Creatures – Plant Parts (Vascular bundles) | | | | | | | I |
| Science: God's Living Creatures – Plant Parts (Cambium) | | | | | | | I |
| Science: God's Living Creatures – Plant Parts (Stems/Herbaceous) | | | | | | | I |
| Science: God's Living Creatures – Plant Parts (Roots/Primary Root) | | | | | | | I |
| Science: God's Living Creatures – Plant Parts (Roots/Taproot) | | | | | | | I |
| Science: God's Living Creatures – Plant Parts (Roots/Fibrous Root) | | | | | | | I |
| Science: God's Living Creatures – Plant Parts (Roots/Aerial Roots) | | | | | | | I |
| Science: God's Living Creatures – Plants (God provides all that the plants need to live and grow) | | | | | | | I |
| Science: Energy in Motion – Chemistry (Definition) | | | | | | | I |



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| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|--|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: Energy in Motion - Atoms | | | | | | I | R |
| Science: Energy in Motion - Elements | | | | | | I | R |
| Science: Energy in Motion – Parts of an atom (Nucleus) | | | | | | | I |
| Science: Energy in Motion – Parts of an atom (Protons) | | | | | | | I |
| Science: Energy in Motion – Parts of an atom (Neutrons) | | | | | | | I |
| Science: Energy in Motion – Parts of an atom (Electrons) | | | | | | | I |
| Science: Energy in Motion – Parts of an atom (outer shell and inner shell) | | | | | | | I |
| Science: Energy in Motion – Atomic mass | | | | | | | I |
| Science: Energy in Motion – Atomic number | | | | | | | I |
| Science: Energy in Motion – Niels Bohr | | | | | | | I |
| Science: Energy in Motion – Atomic theory | | | | | | | I |
| Science: Energy in Motion – Particle accelerators | | | | | | | I |
| Science: Energy in Motion – Classifying Elements | | | | | | | I |
| Science: Energy in Motion – Chemical Symbols | | | | | | | I |
| Science: Energy in Motion – Periodic Table of the elements | | | | | | | I |
| Science: Energy in Motion – Periods (horizontal rows) | | | | | | | I |
| Science: Energy in Motion – Groups (vertical columns) | | | | | | | I |
| Science: Energy in Motion – Compounds | | | | | | I | R |
| Science: Energy in Motion – Molecules | | | | | | | I |
| Science: Energy in Motion – Chemical change (chemical reaction) | | | | | I | R | R |
| Science: Energy in Motion – Chemical formulas | | | | | | | I |
| Science: Energy in Motion – Types of chemical reactions | | | | | | | I |
| Science: Energy in Motion – Atomic bonds (types of bonds) | | | | | | | I |
| Science: Energy in Motion – Covalent bonds | | | | | | | I |
| Science: Energy in Motion – Ionic bonds | | | | | | | I |
| Science: Energy in Motion – Acids | | | | | | | I |
| Science: Energy in Motion – Bases | | | | | | | I |



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| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: Energy in Motion – Alkalis | | | | | | | I |
| Science: Energy in Motion – pH Scale | | | | | | | I |
| Science: Energy in Motion – Neutral solutions | | | | | | | I |
| Science: Energy in Motion – Indicators | | | | | | | I |
| Science: Energy in Motion – Neutralizing acids and bases | | | | | | | I |
| Science: Energy in Motion – Salts | | | | | | | I |
| Science: Electricity and Magnetism – Static electricity | | | | | I | | R |
| Science: Electricity and Magnetism – Current Electricity | | | | | I | | R |
| Science: Electricity and Magnetism – Circuit | | | | | I | | R |
| Science: Electricity and Magnetism – Conductor | | | | | I | R | R |
| Science: Electricity and Magnetism – Switch | | | | | | | I |
| Science: Electricity and Magnetism – Short circuit | | | | | | | I |
| Science: Electricity and Magnetism – Insulator | | | | | I | R | R |
| Science: Electricity and Magnetism – Resistor | | | | | I | | R |
| Science: Electricity and Magnetism – Series circuit | | | | | I | | R |
| Science: Electricity and Magnetism – Parallel circuit | | | | | I | | R |
| Science: Electricity and Magnetism – Volt | | | | | | | I |
| Science: Electricity and Magnetism – Watt | | | | | | | I |
| Science: Electricity and Magnetism – Ampere | | | | | | | I |
| Science: Electricity and Magnetism – Electric Cell | | | | | | | I |
| Science: Electricity and Magnetism – Electrolyte | | | | | | | I |
| Science: Electricity and Magnetism – Battery | | | | | | | I |
| Science: Electricity and Magnetism – Magnet | | | | | I | | R |
| Science: Electricity and Magnetism – Magnetism | | | | I | | | R |
| Science: Electricity and Magnetism – Magnetic Field | | | | | | | I |
| Science: Electricity and Magnetism – Electromagnetic spectrum | | | | | | I | R |
| Science: Electricity and Magnetism – Electromagnet | | | | | I | | R |



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| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|--|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: Electricity and Magnetism – Generator | | | | | I | | R |
| Science: Electricity and Magnetism – Electronic device | | | | | | | I |
| Science: Electricity and Magnetism – Electric signal | | | | | | | I |
| Science: Electricity and Magnetism – Binary number system | | | | | | | I |
| Science: Electricity and Magnetism – Integrated circuit | | | | | | | I |
| Science: Electricity and Magnetism – CPU (central processing unit) | | | | | | | I |
| Science: Electricity and Magnetism – ROM (read-only memory) | | | | | | | I |
| Science: Electricity and Magnetism – RAM (random access memory) | | | | | | | I |
| Science: Motion and Machines – Potential energy | | | | | | R | R |
| Science: Motion and Machines – Thermal energy | | | | | | R | R |
| Science: Motion and Machines – Thermal expansion | | | | | | I | R |
| Science: Motion and Machines – Calorie | | | | | | I | R |
| Science: Motion and Machines – Kinetic energy | | | | | | R | R |
| Science: Motion and Machines – Mechanical energy | | | | | | | I |
| Science: Motion and Machines – Heat | | | | | | I | R |
| Science: Motion and Machines – Conduction | | | | | | I | R |
| Science: Motion and Machines – Convection | | | | | | I | R |
| Science: Motion and Machines – Radiation | | | | | | I | R |
| Science: Motion and Machines – Motion | | | | I | | | R |
| Science: Motion and Machines – Reference point | | | | | | | I |
| Science: Motion and Machines – Distance | | | | | | | I |
| Science: Motion and Machines – Velocity | | | | | | | I |
| Science: Motion and Machines – Acceleration | | | | | | | I |
| Science: Motion and Machines – Momentum | | | | | | | I |
| Science: Motion and Machines – First law of motion | | | | | | | I |
| Science: Motion and Machines – Inertia | | | | | | | I |
| Science: Motion and Machines – Gravity | | | I | | | | R |



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| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|--|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: Motion and Machines – Second law of motion | | | | | | | I |
| Science: Motion and Machines – Third law of motion | | | | | | | I |
| Science: Motion and Machines – Work | | | | I | R | | R |
| Science: Motion and Machines – Energy | | | | I | | | R |
| Science: Motion and Machines – Newtons (N) | | | | | | | I |
| Science: Motion and Machines - Joule | | | | | | | I |
| Science: Motion and Machines – Machine | | | | | | | I |
| Science: Motion and Machines – Effort force (effort) | | | | | I | | R |
| Science: Motion and Machines – Resistance force (resistance) | | | | | | | I |
| Science: Motion and Machines – Lever | | I | | | R | | R |
| Science: Motion and Machines – Fulcrum | | | | | I | | R |
| Science: Motion and Machines – Pulley | | | | | I | | R |
| Science: Motion and Machines – Fixed pulley | | | | | | | I |
| Science: Motion and Machines – Moveable pulley | | | | | | | I |
| Science: Motion and Machines – Block and tackle | | | | | | | I |
| Science: Motion and Machines – Mechanical advantage | | | | | | | I |
| Science: Motion and Machines – Machine | | | | | I | | R |
| Science: Motion and Machine – Wheel | | I | | | | | R |
| Science: Motion and Machine – Ramp | | I | | | | | R |
| Science: Motion and Machine – Air | | I | | | | | R |
| Science: Motion and Machine – Wind | | I | | | | | R |
| Science: Motion and Machine – Magnet | | I | R | | | | R |
| Science: Motion and Machine – Repel | | | I | | R | | R |
| Science: Motion and Machine – Attract | | | I | | R | | R |
| Science: Motion and Machines – Wheel and axle | | | | | I | | R |
| Science: Motion and Machines – Gear | | | | | I | | R |
| Science: Motion and Machines – Inclined plane | | | | | I | | R |



Stevens Point Christian Academy K-6th Science Academic Standards/Scope & Sequence

Code: I= Introduced R= Reinforced M= Mastered

Key Scriptures: Gen. 1:1 "In the beginning God created the heavens and the earth."

Acts 17:24-28 "The God who made the world and everything in it is the Lord of heaven and earth and does not live in temples built by human hands.²⁵ And he is not served by human hands, as if he needed anything. Rather, he himself gives everyone life and breath and everything else.²⁶ From one man he made all the nations, that they should inhabit the whole earth; and he marked out their appointed times in history and the boundaries of their lands. ²⁷ God did this so that they would seek him and perhaps reach out for him and find him, though he is not far from any one of us. ²⁸'For in him we live and move and have our being.'^(a) As some of your own poets have said, 'We are his offspring' (NIV).

| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|--|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: Motion and Machines – Wedge | | | | | I | | R |
| Science: Motion and Machines – Screw | | | | | I | | R |
| Science: Motion and Machines – Compound machines | | | | | | | I |
| Science: Beyond our Earth (Stars) – Magnitude | | | | | | | I |
| Science: Beyond our Earth (Stars) – Apparent magnitude | | | | | | | I |
| Science: Beyond our Earth (Stars) – Absolute magnitude | | | | | | | I |
| Science: Beyond our Earth (Stars) – Dwarfs | | | | | | | I |
| Science: Beyond our Earth (Stars) – Giant stars | | | | | | | I |
| Science: Beyond our Earth (Stars) – Supergiants | | | | | | | I |
| Science: Beyond our Earth (Stars) – Light-year | | | | | | | I |
| Science: Beyond our Earth (Stars) – Variable stars | | | | | | | I |
| Science: Beyond our Earth (Stars) – Pulsating variable stars | | | | | | | I |
| Science: Beyond our Earth (Stars) – Eclipsing variable stars | | | | | | | I |
| Science: Beyond our Earth (Stars) – Nova | | | | | | | I |
| Science: Beyond our Earth (Stars) – Nebulla | | | | | | | I |
| Science: Beyond our Earth (Stars) – Supernova | | | | | | | I |
| Science: Beyond our Earth (Stars) – Neutron star | | | | | | | I |
| Science: Beyond our Earth (Stars) – Pulsar | | | | | | | I |
| Science: Beyond our Earth (Stars) – Black hole | | | | | | | I |
| Science: Beyond our Earth (Stars) – Constellations | | | | | | | I |
| Science: Beyond our Earth (Stars) – Circumpolar constellations | | | | | | | I |
| Science: Beyond our Earth (Stars) – Astronomy | | | | | | | I |
| Science: Beyond our Earth (Stars) – Telescope | | | | | I | | R |
| Science: Beyond our Earth (Stars) – Refracting telescopes | | | | | | | I |
| Science: Beyond our Earth (Stars) – Reflecting telescopes | | | | | | | I |
| Science: Beyond our Earth (Stars) – Radio telescopes | | | | | | | I |
| Science: Beyond our Earth (Stars) – Spectroscopes | | | | | | | I |



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Acts 17:24-2 "The God who made the world and everything in it is the Lord of heaven and earth and does not live in temples built by human hands.²⁵ And he is not served by human hands, as if he needed anything. Rather, he himself gives everyone life and breath and everything else.²⁶ From one man he made all the nations, that they should inhabit the whole earth; and he marked out their appointed times in history and the boundaries of their lands. ²⁷God did this so that they would seek him and perhaps reach out for him and find him, though he is not far from any one of us. ²⁸'For in him we live and move and have our being.'²⁹ As some of your own poets have said, 'We are his offspring' (NIV).

| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: Beyond our Earth (Stars) – Redshift | | | | | | | I |
| Science: Beyond our Earth (Stars) – Binary system | | | | | | | I |
| Science: Beyond our Earth (Stars) – Multiple star groups | | | | | | | I |
| Science: Beyond our Earth (Stars) – Star cluster | | | | | | | I |
| Science: Beyond our Earth (Stars) – Galaxy | | | | | | | I |
| Science: Beyond our Earth (Stars) – Local group | | | | | | | I |
| Science: Beyond our Earth (Stars) – Asteroids | | | | I | | | R |
| Science: Beyond our Earth (Stars) – Meteoroid | | | | | | | I |
| Science: Beyond our Earth (Stars) – Meteor | | | | | | | I |
| Science: Beyond our Earth (Stars) – Meteorite | | | | | | | I |
| Science: Beyond our Earth (Stars) – Comet | | | | | | | I |
| Science: Beyond our Earth (Moon) – Moon | | | | | I | | |
| Science: Beyond our Earth (Moon) – Maria | | | | | I | | |
| Science: Beyond our Earth (Moon) – Rills | | | | | I | | |
| Science: Beyond our Earth (Moon) – Craters | | | | | I | | |
| Science: Beyond our Earth (Moon) – Satellite | | | | | I | | |
| Science: Beyond our Earth (Moon) – Phases | | | | | I | | |
| Science: Beyond our Earth (Moon) – Lunar eclipse | | | | | I | | |
| Science: Beyond our Earth (Moons) – Solar eclipse | | | | | I | | |
| Science: Beyond our Earth (Solar System) – Rocket | | | | | | | I |
| Science: Beyond our Earth (Solar System) – Space Shuttle | | | | | | I | R |
| Science: Beyond our Earth (Solar System) – Satellite | | | | | | | I |
| Science: Beyond our Earth (Solar System) – Probe | | | | | | | I |
| Science: Beyond our Earth (Solar System) – International Space Station | | | | | | I | |
| Science: Beyond our Earth (Solar System) – NASA | | | | | | | I |
| Science: Beyond our Earth (Solar System) – Solar sails | | | | | | | I |
| Science: Beyond our Earth (Solar System) – Parts of the sun (photosphere) | | | | | | | I |



Stevens Point Christian Academy K-6th Science Academic Standards/Scope & Sequence

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Key Scriptures: Gen. 1:1 "In the beginning God created the heavens and the earth."

Acts 17:24-28 "The God who made the world and everything in it is the Lord of heaven and earth and does not live in temples built by human hands.²⁵ And he is not served by human hands, as if he needed anything. Rather, he himself gives everyone life and breath and everything else.²⁶ From one man he made all the nations, that they should inhabit the whole earth; and he marked out their appointed times in history and the boundaries of their lands. ²⁷God did this so that they would seek him and perhaps reach out for him and find him, though he is not far from any one of us. ²⁸'For in him we live and move and have our being.'^(a) As some of your own poets have said, 'We are his offspring' (NIV).

| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|--|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: Beyond our Earth (Solar System) – Parts of the sun (chromosphere) | | | | | | | I |
| Science: Beyond our Earth (Solar System) – Parts of the sun (corona) | | | | | | | I |
| Science: Beyond our Earth (Solar System) – Sunrise | | | I | | | | |
| Science: Beyond our Earth (Solar System) – Sunset | | | I | | | | |
| Science: Beyond our Earth (Solar System) – Horizon | | | I | | | | |
| Science: Beyond our Earth (Solar System) – Sunspots | | | | | | | I |
| Science: Beyond our Earth (Solar System) – Faculae | | | | | | | I |
| Science: Beyond our Earth (Solar System) – Solar flares | | | | | | | I |
| Science: Beyond our Earth (Solar System) – Solar prominence | | | | | | | I |
| Science: Beyond our Earth (Solar System) – Solar wind | | | | | | | I |
| Science: Beyond our Earth (Solar System) – Aurora | | | | | | | I |
| Science: Beyond our Earth (Solar System) – Revolution | | | | | I | | R |
| Science: Beyond our Earth (Solar System) – Axis | | | I | | | | R |
| Science: Beyond our Earth (Solar System) – Orbit | | | I | R | | | R |
| Science: Beyond our Earth (Solar System) – Rotation | | | | | I | | R |
| Science: Beyond our Earth (Solar System) – Terrestrial planets | | | | | | | I |
| Science: Beyond our Earth (Solar System) – Gas giants | | | | | | | I |
| Science: Beyond our Earth (Solar System) –Sun | | | | I | | | R |
| Science: Beyond our Earth (Solar System) – Planet | | | | I | | | R |
| Science: Beyond our Earth (Solar System) - Mercury | | | | I | | | R |
| Science: Beyond our Earth (Solar System) – Venus | | | | I | | | R |
| Science: Beyond our Earth (Solar System) – Mars | | | | I | | | R |
| Science: Beyond our Earth (Solar System) – Earth | | | | I | | | R |
| Science: Beyond our Earth (Solar System) – Solar eclipse | | | | | | | I |
| Science: Beyond our Earth (Solar System) –Totality | | | | | | | I |
| Science: Beyond our Earth (Solar System) – Lunar eclipse | | | | | | | I |



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Key Scriptures: Gen. 1:1 "In the beginning God created the heavens and the earth."

Acts 17:24-2 "The God who made the world and everything in it is the Lord of heaven and earth and does not live in temples built by human hands.²⁵ And he is not served by human hands, as if he needed anything. Rather, he himself gives everyone life and breath and everything else.²⁶ From one man he made all the nations, that they should inhabit the whole earth; and he marked out their appointed times in history and the boundaries of their lands. ²⁷ God did this so that they would seek him and perhaps reach out for him and find him, though he is not far from any one of us. ²⁸'For in him we live and move and have our being.'^(a) As some of your own poets have said, 'We are his offspring' (NIV).

| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|--|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: Beyond our Earth (Solar System) – Jupiter | | | | I | | | R |
| Science: Beyond our Earth (Solar System) – Saturn | | | | I | | | R |
| Science: Beyond our Earth (Solar System) – Uranus | | | | I | | | R |
| Science: Beyond our Earth (Solar System) – Neptune | | | | I | | | R |
| Science: Beyond our Earth (Solar System) – Dwarf planets | | | | I | | | R |
| Science: Plant and Animal Reproduction – Sepal | | | | | | | I |
| Science: Plant and Animal Reproduction – Petal | | | | | I | | R |
| Science: Plant and Animal Reproduction – Pollen | | | | | I | | R |
| Science: Plant and Animal Reproduction – Stamen | | | | | I | | R |
| Science: Plant and Animal Reproduction – Anther | | | | | | | I |
| Science: Plant and Animal Reproduction – Pistil | | | | | I | | R |
| Science: Plant and Animal Reproduction – Ovary | | | | | | | I |
| Science: Plant and Animal Reproduction – Ovules | | | | | | | I |
| Science: Plant and Animal Reproduction – Style | | | | | | | I |
| Science: Plant and Animal Reproduction – Stigma | | | | | | | I |
| Science: Plant and Animal Reproduction – Pollination | | | | | I | | R |
| Science: Plant and Animal Reproduction – Cross-pollination | | | | | | | I |
| Science: Plant and Animal Reproduction – Self-pollination | | | | | | | I |
| Science: Plant and Animal Reproduction – Fertilization | | | | | | | I |
| Science: Plant and Animal Reproduction – Zygote | | | | | | | I |
| Science: Plant and Animal Reproduction – Embryo | | | | | | | I |
| Science: Plant and Animal Reproduction – Fruit | | | | | I | | R |
| Science: Plant and Animal Reproduction – Germinate | | | | | | | I |
| Science: Plant and Animal Reproduction – Cotyledons | | | | | | | I |
| Science: Plant and Animal Reproduction – Seed coat | | | | | I | | R |
| Science: Plant and Animal Reproduction – Germinate | | | | | I | | R |
| Science: Plant and Animal Reproduction – Seedling | | | | | I | | R |



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| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|--|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: Plant and Animal Reproduction – Immature Plant | | | | | I | | R |
| Science: Plant and Animal Reproduction – Stored food | | | | | I | | R |
| Science: Plant and Animal Reproduction – Conifers | | | | | | | I |
| Science: Plant and Animal Reproduction – Spores | | | | | I | | R |
| Science: Plant and Animal Reproduction – Fruiting bodies | | | | | | | I |
| Science: Plant and Animal Reproduction – Flowering bodies | | | | | I | | R |
| Science: Plant and Animal Reproduction – Placental mammals | | | | | | | I |
| Science: Plant and Animal Reproduction – Gestation | | | | | | | I |
| Science: Plant and Animal Reproduction – Marsupial | | | | | | | I |
| Science: Plant and Animal Reproduction – Eggs | | | | | | | I |
| Science: Plant and Animal Reproduction – Parental care | | | | | | | I |
| Science: Plant and Animal Reproduction – Asexual reproduction | | | | | | | I |
| Science: Plant and Animal Reproduction – Binary fission | | | | | | | I |
| Science: Plant and Animal Reproduction – Budding | | | | | | | I |
| Science: Plant and Animal Reproduction – Regeneration | | | | | | | I |
| Science: Plant and Animal Reproduction – Fragmentation | | | | | | | I |
| Science: Plant and Animal Reproduction – Vegetative reproduction | | | | | | | I |
| Science: Heredity and Genetics – Traits | | | | | | | I |
| Science: Heredity and Genetics – Genes | | | | | | | I |
| Science: Heredity and Genetics – DNA | | | | | | | I |
| Science: Heredity and Genetics – Heredity | | | | | | | I |
| Science: Heredity and Genetics – Double helix | | | | | | | I |
| Science: Heredity and Genetics – Patterns of DNA | | | | | | | I |
| Science: Heredity and Genetics – Gregor Johann Mendel | | | | | | | I |
| Science: Heredity and Genetics – Purebred plants | | | | | | | I |
| Science: Heredity and Genetics – Hybrids | | | | | | | I |
| Science: Heredity and Genetics – Dominant trait | | | | | | | I |



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| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|--|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: Heredity and Genetics – Recessive trait | | | | | | | |
| Science: Heredity and Genetics – Phenotype | | | | | | | |
| Science: Heredity and Genetics – Genotype | | | | | | | |
| Science: Heredity and Genetics – Codominant | | | | | | | |
| Science: Heredity and Genetics – Incomplete dominance | | | | | | | |
| Science: Heredity and Genetics – Punnett squares | | | | | | | |
| Science: Heredity and Genetics – Pedigree | | | | | | | |
| Science: Heredity and Genetics – Sex-linked traits | | | | | | | |
| Science: Heredity and Genetics – Sickle cell anemia | | | | | | | |
| Science: Heredity and Genetics – Cystic fibrosis | | | | | | | |
| Science: Heredity and Genetics – Down syndrome | | | | | | | |
| Science: Heredity and Genetics – Genetic engineering | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Central nervous system | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Peripheral nervous system | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Brain | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Cerebrum | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Lobes | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Cerebellum | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Brain stem | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Spinal cord | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Neurons | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Sensory neurons | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Motor neurons | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Dendrite | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Impulse | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Axon | | | | | | | |



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| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: Our Intricate Bodies (Nervous System) – Synapse | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Somatic nervous system | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Autonomic nervous system | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Reflex | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Hearing | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Sight | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Taste | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Smell | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Touch | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Memory | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Short-term memory | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Long-term memory | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – REM sleep | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Hormones | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Endocrine glands | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Hypothalamus | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Pituitary gland | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Epilepsy | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Multiple sclerosis | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Parkinson's disease | | | | | | | |
| Science: Our Intricate Bodies (Nervous System) – Alzheimer's disease | | | | | | | |
| Science: Our Intricate Bodies (Immune System) – Communicable disease | | | | | | | |
| Science: Our Intricate Bodies (Immune System) – Noncommunicable disease | | | | | | | |
| Science: Our Intricate Bodies (Immune System) – Pathogen | | | | | | | |
| Science: Our Intricate Bodies (Immune System) – Protozoans | | | | | | | |
| Science: Our Intricate Bodies (Immune System) – Fungi | | | | | | | |



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| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: Our Intricate Bodies (Immune System) – Bacteria | | | | | | | I |
| Science: Our Intricate Bodies (Immune System) – Virus | | | | | | | I |
| Science: Our Intricate Bodies (Immune System) – Vectors | | | | | | | I |
| Science: Our Intricate Bodies (Immune System) – Epidemic | | | | | | | I |
| Science: Our Intricate Bodies (Immune System) – Airborne | | | | | | | I |
| Science: Our Intricate Bodies (Immune System) – Contact | | | | | | | I |
| Science: Our Intricate Bodies (Immune System) – Food-borne | | | | | | | I |
| Science: Our Intricate Bodies (Immune System) – Waterborne | | | | | | | I |
| Science: Our Intricate Bodies (Immune System) – Epidemiologists | | | | | | | I |
| Science: Our Intricate Bodies (Immune System) – Defensive barriers | | | | | | | I |
| Science: Our Intricate Bodies (Immune System) – Inflammatory response | | | | | | | I |
| Science: Our Intricate Bodies (Immune System) – Immune response | | | | | | | I |
| Science: Our Intricate Bodies (Immune System) – Macrophages | | | | | | | I |
| Science: Our Intricate Bodies (Immune System) – B cells | | | | | | | I |
| Science: Our Intricate Bodies (Immune System) – T cells | | | | | | | I |
| Science: Our Intricate Bodies (Immune System) – Antibodies | | | | | | | I |
| Science: Our Intricate Bodies (Immune System) – Memory cells | | | | | | | I |
| Science: Our Intricate Bodies (Immune System) – Immunity | | | | | | | I |
| Science: Our Intricate Bodies (Immune System) – Vaccine | | | | | | | I |
| Science: Our Intricate Bodies (Immune System) – Antibiotics | | | | | | | I |
| Science: Our Intricate Bodies (Immune System) – Allergen | | | | | | | I |
| Science: Our Intricate Bodies (Immune System) – Transfusion | | | | | | | I |
| Science: Our Intricate Bodies (Immune System) – Transplant | | | | | | | I |
| Science: Our Intricate Bodies (Immune System) – Autoimmune diseases | | | | | | | I |
| Science: Our Intricate Bodies (Immune System) – Robotic surgeries | | | | | | | I |
| Science: Climate (Weather) – Atmosphere | | | | I | | R | |
| Science: Climate (Weather) – Air | | | | | | I | |



Stevens Point Christian Academy K-6th Science Academic Standards/Scope & Sequence

Code: I= Introduced R= Reinforced M= Mastered

Key Scriptures: Gen. 1:1 "In the beginning God created the heavens and the earth."

Acts 17:24-2 "The God who made the world and everything in it is the Lord of heaven and earth and does not live in temples built by human hands.²⁵ And he is not served by human hands, as if he needed anything. Rather, he himself gives everyone life and breath and everything else.²⁶ From one man he made all the nations, that they should inhabit the whole earth; and he marked out their appointed times in history and the boundaries of their lands. ²⁷ God did this so that they would seek him and perhaps reach out for him and find him, though he is not far from any one of us. ²⁸'For in him we live and move and have our being.'²⁹ As some of your own poets have said, 'We are his offspring' (NIV).

| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|--|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: Climate (Weather) – Air pressure | | | | | | I | |
| Science: Climate (Weather) – Altitude | | | | | | I | |
| Science: Climate (Weather) – Weather | I | R | | R | | R | |
| Science: Climate (Weather) – Ozone | | | | | | I | |
| Science: Climate (Weather) – Wind | I | R | | R | | R | |
| Science: Climate (Weather) – Anemometer | | | | I | | I | |
| Science: Climate (Weather) – Weather Vane | | | | I | | I | |
| Science: Climate (Weather) – Air mass | | | | | | R | |
| Science: Climate (Weather) – Front | | | | | | I | |
| Science: Climate (Weather) – Global winds | | | | | | I | |
| Science: Climate (Weather) – Local winds | | | | | | I | |
| Science: Climate (Weather) – Temperature | | | | I | | R | |
| Science: Climate (Weather) – Precipitation | | | | I | | R | |
| Science: Climate (Weather) – Humidity | | | | | | I | |
| Science: Climate (Weather) – Dew/Frost | | | | | | I | |
| Science: Climate (Weather) – Stratus clouds | | | | I | | R | |
| Science: Climate (Weather) – Cumulus clouds | | | | I | | R | |
| Science: Climate (Weather) – Cirrus clouds | | | | I | | R | |
| Science: Climate (Weather) – Cumulonimbus clouds | | | | I | | R | |
| Science: Climate (Weather) – Nimbostratus clouds | | | | I | | R | |
| Science: Climate (Weather) – Thunderstorm | | | | I | | R | |
| Science: Climate (Weather) – Lightning | | | | I | | R | |
| Science: Climate (Weather) – Tornado | | | | I | | R | |
| Science: Climate (Weather) – Hurricane | | | | I | | R | |
| Science: Climate (Weather) – Blizzard | | | | I | | R | |
| Science: Climate (Weather) – Weather warning | | | | | | I | |
| Science: Climate (Weather) – Weather watch | | | | | | I | |



Stevens Point Christian Academy K-6th Science Academic Standards/Scope & Sequence

Code: I= Introduced R= Reinforced M= Mastered

Key Scriptures: Gen. 1:1 "In the beginning God created the heavens and the earth."

Acts 17:24-2 "The God who made the world and everything in it is the Lord of heaven and earth and does not live in temples built by human hands.²⁵ And he is not served by human hands, as if he needed anything. Rather, he himself gives everyone life and breath and everything else.²⁶ From one man he made all the nations, that they should inhabit the whole earth; and he marked out their appointed times in history and the boundaries of their lands. ²⁷ God did this so that they would seek him and perhaps reach out for him and find him, though he is not far from any one of us. ²⁸'For in him we live and move and have our being.'²⁹ As some of your own poets have said, 'We are his offspring' (NIV).

| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: Climate (Weather) – Meteorologist | | | | I | | R | |
| Science: Climate (Weather) – Weather forecast | | | | I | | R | |
| Science: Climate (Weather) – Weather map | | | | I | | R | |
| Science: Climate (Weather) – Season | I | R | R | | | R | |
| Science: Climate (Biome) – Biosphere | | | | | | I | |
| Science: Climate (Biome)- Biome | | | | | | I | |
| Science: Climate (Biome) –Climate | | | | | | I | |
| Science: Climate (Biome) – Tundra | | | I | | | R | |
| Science: Climate (Biome) – Pond | | | I | | | | |
| Science: Climate (Biome) – Woodland forest | | | I | | | | |
| Science: Climate (Biome) – Permafrost | | | | | | I | |
| Science: Climate (Biome) – Conifers | | | | | | I | |
| Science: Climate (Biome) – Deciduous | | | | | | I | |
| Science: Climate (Biome) – Grassland | | | | | | I | |
| Science: Climate (Biome) – Prairie | | | | | | I | |
| Science: Climate (Biome) – Savannas | | | | | | I | |
| Science: Climate (Biome) – Desert | | | I | | | R | |
| Science: Climate (Biome) – Rainforest | | | I | | | | |
| Science: Climate (Biome) – Nocturnal | | | | | | I | |
| Science: Climate (Biome) – Succulent | | | | | | I | |
| Science: Climate (Biome) – Biodiversity | | | | | | I | |
| Science: Climate (Biome) – Mountain | | | | | | I | |
| Science: Climate (Biome) – Salinity | | | | | | I | |
| Science: Climate (Biome) – Marine biomes | | | I | | | R | |
| Science: Climate (Biome) – Freshwater | | | | | | I | |
| Science: Climate (Biome) – Wetlands | | | | | | I | |
| Science: Climate (Biome) – Peat | | | | | | I | |



Stevens Point Christian Academy K-6th Science Academic Standards/Scope & Sequence

Code: I= Introduced R= Reinforced M= Mastered

Key Scriptures: Gen. 1:1 "In the beginning God created the heavens and the earth."

Acts 17:24-28 "The God who made the world and everything in it is the Lord of heaven and earth and does not live in temples built by human hands.²⁵ And he is not served by human hands, as if he needed anything. Rather, he himself gives everyone life and breath and everything else.²⁶ From one man he made all the nations, that they should inhabit the whole earth; and he marked out their appointed times in history and the boundaries of their lands. ²⁷ God did this so that they would seek him and perhaps reach out for him and find him, though he is not far from any one of us. ²⁸'For in him we live and move and have our being.'^(a) As some of your own poets have said, 'We are his offspring' (NIV).

| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|--|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: Scientist – Classify | | | I | R | R | | |
| Science: Scientist – Measure | | | I | | | | |
| Science: Scientist – Infer | | | I | | | | |
| Science : Scientist – Predict | | | I | | | | |
| Science: Scientist – Communicate | | | I | | | | |
| Science: Tools – Hand Lens | | | I | | | | |
| Science: Tools – Balance | | | I | R | | | |
| Science: Tools – Measuring Cup | | | I | | | | |
| Science: Tools – Thermometer | | | I | R | | R | |
| Science: Science Experiment – Ask a question | | | I | R | | | |
| Science: Science Experiment – Form a hypothesis | | | I | R | | | |
| Science: Science Experiment – Plan your test | | | I | R | | | |
| Science: Science Experiment – Do your test | | | I | R | | | |
| Science: Science Experiment – Draw conclusions | | | I | R | | | |
| Science: Science Experiment – Communicate | | | I | R | | | |
| Science: What Fossils Show Us – Creation vs. Evolution | | | I | | | R | |
| Science: What Fossils Show Us – Paleontology | | | | | | I | |
| Science: What Fossils Show Us – Excavation | | | | | | I | |
| Science: What Fossils Show Us – Fossil | | | I | | | | |
| Science: What Fossils Show Us – Petrified | | | I | | | R | |
| Science: What Fossils Show Us – Mold | | | I | | | R | |
| Science: What Fossils Show Us – Cast | | | I | | | R | |
| Science: What Fossils Show Us – Amber | | | I | | | | |
| Science: What Fossils Show Us – Frozen fossils | | | I | | | | |
| Science: What Fossils Show Us – Carbon film | | | | | | I | |
| Science: What Fossils Show Us – Trace fossils | | | | | | I | |
| Science: What Fossils Show Us – Extinct | | | I | | | I | |



Stevens Point Christian Academy K-6th Science Academic Standards/Scope & Sequence

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Key Scriptures: Gen. 1:1 "In the beginning God created the heavens and the earth."

Acts 17:24-2 "The God who made the world and everything in it is the Lord of heaven and earth and does not live in temples built by human hands.²⁵ And he is not served by human hands, as if he needed anything. Rather, he himself gives everyone life and breath and everything else.²⁶ From one man he made all the nations, that they should inhabit the whole earth; and he marked out their appointed times in history and the boundaries of their lands. ²⁷ God did this so that they would seek him and perhaps reach out for him and find him, though he is not far from any one of us. ²⁸'For in him we live and move and have our being.'²⁹ As some of your own poets have said, 'We are his offspring' (NIV).

| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: What Fossils Show Us – Dinosaur | | | I | | | R | |
| Science: What Fossils Show Us – Stegosaurus | | | I | | | R | |
| Science: What Fossils Show Us – Tyrannosaurus Rex | | | I | | | R | |
| Science: What Fossils Show Us – Brachisoaurus | | | | | | I | |
| Science: What Fossils Show Us – Pteranodon | | | | | | I | |
| Science: How Light Works – Light | | | I | | R | R | |
| Science: How Light Works – Transverse waves | | | | | | I | |
| Science: How Light Works – Wavelength | | | | | | I | |
| Science: How Light Works – Amplitude | | | | | | I | |
| Science: How Light Works – Frequency | | | | | | I | |
| Science: How Light Works – Speed | | | | | | I | |
| Science: How Light Works – Reflects | | | I | | R | R | |
| Science: How Light Works – Absorbs | | | I | | | | |
| Science: How Light Works – Transparent | | | I | | R | | |
| Science: How Light Works – Translucent | | | I | | R | | |
| Science: How Light Works – Opaque | | | I | | R | | |
| Science: How Light Works – Shadow | | | I | | R | | |
| Science: How Light Works – Luminous | | | | | I | | |
| Science: How Light Works – Nonluminous | | | | | I | | |
| Science: How Light Works – Visible spectrum | | | | | I | | |
| Science: How Light Works – Refraction | | | | | I | R | |
| Science: How Light Works – Primary colors | | | | | | I | |
| Science: How Light Works – Pigments | | | | | | I | |
| Science: How Light Works – Mirror | | | | | | I | |
| Science: How Light Works – Concave | | | | | | I | |
| Science: How Light Works – Convex | | | | | | I | |
| Science: How Light Works – Lens | | | | | | I | |



Stevens Point Christian Academy K-6th Science Academic Standards/Scope & Sequence

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Key Scriptures: Gen. 1:1 "In the beginning God created the heavens and the earth."

Acts 17:24-2 "The God who made the world and everything in it is the Lord of heaven and earth and does not live in temples built by human hands.²⁵ And he is not served by human hands, as if he needed anything. Rather, he himself gives everyone life and breath and everything else.²⁶ From one man he made all the nations, that they should inhabit the whole earth; and he marked out their appointed times in history and the boundaries of their lands. ²⁷ God did this so that they would seek him and perhaps reach out for him and find him, though he is not far from any one of us. ²⁸'For in him we live and move and have our being.'^(a) As some of your own poets have said, 'We are his offspring' (NIV).

| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: How Matter Changes – Matter | | | I | R | | | |
| Science: How Matter Changes – Physical Property | | | | I | | R | |
| Science: How Matter Changes – Mass | | | I | R | | R | |
| Science: How Matter Changes – Gram | | | | I | | | |
| Science: How Matter Changes – Liter | | | | I | | | |
| Science: How Matter Changes – Volume | | | | I | | R | |
| Science: How Matter Changes – Solid | | | I | R | | R | |
| Science: How Matter Changes – Liquid | | | I | R | | R | |
| Science: How Matter Changes – Gas | | | I | R | | R | |
| Science: How Matter Changes – Melt | | | I | | | R | |
| Science: How Matter Changes – Freezes | | | I | | | R | |
| Science: How Things Move – Force | | | I | R | R | | |
| Science: How Things Move – Motion | | | I | | R | | |
| Science: How Things Move – Friction | | | I | R | R | | |
| Science: How Things Move – Weight | | | | I | | R | |
| Science: How Things Move – Density | | | | | | I | |
| Science: How the Body Works – Bones | | | I | | R | | |
| Science: How the Body Works – Fracture | | | | | I | | |
| Science: How the Body Works – Strain | | | | | I | | |
| Science: How the Body Works – Sprain | | | | | I | | |
| Science: How the Body Works - Skeleton | | | I | | R | | |
| Science: How the Body Works – Spine | | | I | | R | | |
| Science: How the Body Works – Joints | | | | | I | | |
| Science: How the Body Works – Immovable joints | | | | | I | | |
| Science: How the Body Works – Moveable joints | | | | | I | | |
| Science: How the Body Works – Ligaments | | | | | I | | |
| Science: How the Body Works – Cartilage | | | | | I | | |



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| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|--|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: How the Body Works – Skull | | | | | | | |
| Science: How the Body Works – Rib cage | | | | | | | |
| Science: How the Body Works – Muscles | | | | | R | | |
| Science: How the Body Works – Skeletal muscle system | | | | | | | |
| Science: How the Body Works – Voluntary muscles | | | | | | | |
| Science: How the Body Works – Involuntary muscles | | | | | | | |
| Science: How the Body Works – Heart | | | | | | R | |
| Science: How the Body Works – Atrium | | | | | | | |
| Science: How the Body Works – Ventricle | | | | | | | |
| Science: How the Body Works – Valve | | | | | | | |
| Science: How the Body Works – Blood Vessels | | | | | | | |
| Science: How the Body Works – Pulse | | | | | | | |
| Science: How the Body Works – Pacemaker | | | | | | | |
| Science: How the Body Works – Arteries | | | | | | | |
| Science: How the Body Works – Veins | | | | | | | |
| Science: How the Body Works – Capillaries | | | | | | | |
| Science: How the Body Works – Coronary | | | | | | | |
| Science: How the Body Works – Pulmonary | | | | | | | |
| Science: How the Body Works – Aorta | | | | | | | |
| Science: How the Body Works – Superior vena cava | | | | | | | |
| Science: How the Body Works – Inferior vena cava | | | | | | | |
| Science: How the Body Works – William Harvey | | | | | | | |
| Science: How the Body Works – Plasma | | | | | | | |
| Science: How the Body Works – Red Blood Cells | | | | | | | |
| Science: How the Body Works – White blood cells | | | | | | | |
| Science: How the Body Works – Platelets | | | | | | | |
| Science: How the Body Works – Blood transfusion | | | | | | | |



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| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: How the Body Works – Perspiration | | | | | | I | |
| Science: How the Body Works – Respiration | | | | | | I | |
| Science: How the Body Works – Kidney | | | | | | I | |
| Science: How the Body Works – Diaphragm | | | I | | | R | |
| Science: How the Body Works – Nutrients | | | I | | | | |
| Science: How the Body Works – Digest | | | I | | | | |
| Science: How the Body Works – Stomach | | | I | | | | |
| Science: How the Body Works – Saliva | | | I | | R | | |
| Science: How the Body Works – Parts of the Eye | | | | | I | | |
| Science: How the Body Works – Vision correction | | | | | I | | |
| Science: How the Body Works – Digestion | | | | | I | | |
| Science: How the Body Works – Digestive system | | | | | I | | |
| Science: How the Body Works – Teeth | | | | | I | | |
| Science: How the Body Works – Tongue | | | | | I | | |
| Science: How the Body Works – Taste bud | | | | | I | | |
| Science: How the Body Works – Esophagus | | | | | I | | |
| Science: How the Body Works – Epiglottis | | | | | I | R | |
| Science: How the Body Works – Peristalsis | | | | | I | | |
| Science: How the Body Works – Sphincter | | | | | I | | |
| Science: How the Body Works – Stomach | | | | | I | | |
| Science: How the Body Works – Chyme | | | | | I | | |
| Science: How the Body Works – Small intestine | | | | | I | | |
| Science: How the Body Works – Villi | | | | | I | | |
| Science: How the Body Works – Large intestine | | | | | I | | |
| Science: How the Body Works – Pancreas | | | | | I | | |
| Science: How the Body Works – Liver | | | | | I | | |
| Science: How the Body Works – Bile | | | | | I | | |



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| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: How the Body Works – Gallbladder | | | | | | | |
| Science: How the Body Works – Protein | | | | | | | |
| Science: How the Body Works – Carbohydrates | | | | | | | |
| Science: How the Body Works – Vitamins/Minerals | | | | | | | |
| Science: How the Body Works – Food Plate | | | | | | | |
| Science: How the Body Works – Respiratory system | | | | | | | |
| Science: How the Body Works – Inhale | | | | | | | |
| Science: How the Body Works – Exhale | | | | | | | |
| Science: How the Body Works – Involuntary breathing | | | | | | | |
| Science: How the Body Works – Voluntary breathing | | | | | | | |
| Science: How the Body Works – Cilia | | | | | | | |
| Science: How the Body Works – Pharynx | | | | | | | |
| Science: How the Body Works – Larynx | | | | | | | |
| Science: How the Body Works – Vocal cords | | | | | | | |
| Science: How the Body Works – Trachea | | | | | | | |
| Science: How the Body Works – Bronchi | | | | | | | |
| Science: How the Body Works – Lung | | | | | | | |
| Science: How the Body Works – Alveoli | | | | | | | |
| Science: God’s Mighty Force – Sounds | | | | | | R | |
| Science: God’s Mighty Force – Vibration | | | | | | R | |
| Science: God’s Mighty Force – Sound Waves | | | | | | R | |
| Science: God’s Mighty Force – Wavelength | | | | | | | |
| Science: God’s Mighty Force – Frequency | | | | | | | |
| Science: God’s Mighty Force – Speed of Sound | | | | | | | |
| Science: God’s Mighty Force – Echo | | | | | | | |
| Science: God’s Mighty Force – Absorbed sounds | | | | | | | |
| Science: God’s Mighty Force – The Outer Ear | | | | | | | |



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| Skills and Concepts | K | 1 | 2 | 3 | 4 | 5 | 6 |
|--|---|---|----|----|----|----|----|
| Curriculum (A=Abeka, BJ=Bob Jones) | A | A | BJ | BJ | BJ | BJ | BJ |
| Science: God's Mighty Force – The Middle Ear | | | | I | | | |
| Science: God's Mighty Force – The Inner Ear | | | | I | | | |
| Science: God's Mighty Force – Pitch | | | | I | | R | |
| Science: God's Mighty Force – Volume | | | | I | | R | |
| Science: God's Mighty Force – Decibel | | | | | | I | |
| Science: God's Mighty Force – Timbre | | | | | | I | |
| Science: God's Mighty Force – Acoustic | | | | | | I | |
| Science: God's Mighty Force – Quality | | | | I | | | |