The Study of Life

Subject to Change, Revised December 14, 2025

"I have come that they may have life, and that they may have it more abundantly." John 10:10b

"And the LORD God formed man of the dust of the ground, and breathed into his nostrils the breath of life; and man became a living being." Genesis 2:7

The word biology is made of two Greek words *bios* which means "life" and *ology* which means "the study of". Biology is the study of life and living organisms, from one-celled creatures to the most complex living organism of all — the human being. Biology includes the study of genes and cells that give living things their special characteristics.[1]   The Bible teaches that life is from Christ who is the giver of life. "In Him (Jesus Christ) was life, and the life was the light of men." John 1:4

Month	Scripture Observation	Science Observation	Activity/Experiment
January	*Genesis 1:10-11* *John 1:4* *The Word gave life to everything that was created, and his life brought light to everyone.*	**The Kingdom Fungi** Today, fungi are no longer classified as plants. We now know that they have unique physical, chemical, and genetic traits that set them apart from plants and other eukaryotes. For example, the cell walls of fungi are made of chitin, not cellulose. Also, fungi absorb nutrients from other organisms, whereas plants make their own food. These are just a few of the reasons fungi are now placed in their own kingdom. https://planetwild.com/blog/beginners-guide-to-fungi	• Field trip at Lodi Lake Park Nature Trail • Mushroom tasting.
February	*John 12:24* *I tell you the truth, unless a kernel of wheat is planted in the soil and dies, it remains alone. But its death will produce many new kernels--a plentiful harvest of new lives.*	**Seeds and Fruit** Propagation What is the difference between fruit, nuts, and seeds?	• Identification of seeds in a variety of fruits • Edible seeds • Bean seed germination craft

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[1] https://www.vocabulary.com/dictionary/biology#:~:text=Biology%20is%20the%20study%20of,living%20things%20their%20special%20characteristics.

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March	*1 Peter 1:24* *As the Scriptures say,* *"People are like grass;* *their beauty is like a flower in the field.* *The grass withers and the flower fades."* *Psalm 65:9-10*	**Grasses and Flowers** Life cycle	• Field trip to East Bay Municipal Utilities District Mokelumne River Day Use Area to view grasses and flowers.
April	*Luke 8:13* *"But the ones on the rock are those who, when they hear, receive the word with joy; and these have no root, who believe for a while and in time of temptation fall away.*	**Roots to Leaves** Transpiration, Respiration, Photosynthesis	• Getting water and oxygen from plants
May	*Jeremiah 17:7-8* *"Blessed is the man who trusts in the LORD, And whose hope is the LORD. For he shall be like a tree planted by the waters, Which spreads out its roots by the river, And will not fear when heat comes; But its leaf will be green, And will not be anxious in the year of drought, Nor will cease from yielding fruit.*	**Trees** Benefits and challenges	• Visit with an arborist and have them talk about healthy and sick trees
June	Mid-year break		
July	*Psalm 104:25* *Here is the ocean, vast and wide, teeming with life of every kind, both large and small.*	**Single-Celled Organisms** The foundation of the food chain. Trophic levels and the food chain. Single-celled organisms are usually referred to as producers.	• Pond with a microscope
August	*Psalm 104:24* *O LORD, what a variety of things you have made! In wisdom you have made them all. The earth is full of your creatures.*	**Invertebrates** Why did God make bugs? Purposeful creation.	• August night bug hunt

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September	*James 3:3, 7, & 8* *We can make a large horse go wherever we want by means of a small bit in its mouth.* *People can tame all kinds of animals, birds, reptiles, and fish, but no one can tame the tongue. It is restless and evil, full of deadly poison.*	**Vertebrates** Animal intelligence	• Talk to an animal trainer and have a demonstration of what animals can do (i.e., a police dog trainer)
October	*Genesis 1:26* *Then God said, "Let Us make man in Our image, according to Our likeness. So God created man in His own image; in the image of God He created him; male and female He created them.* *Genesis 5:3* *And Adam lived one hundred and thirty years, and begot [a son] in his own likeness, after his image, and named him Seth.*	**Genetics** Protection and passing on life to others	• What makes you unique. Check for genetic traits (ears, tongue, taste, eye color, hair color)
November	*John 5:21, 24, and 26* *For just as the Father gives life to those he raises from the dead, so the Son gives life to anyone he wants.* *"I tell you the truth, those who listen to my [Jesus] message and believe in God who sent me have eternal life. They will never be condemned for their sins, but they have already passed from death into life. The Father has life in himself, and he has granted that same life-giving power to his Son.* *Psalm 139:14* *I will praise You, for I am fearfully and wonderfully made; Marvelous are Your works, And that my soul knows very well.*	**Humans** As the crown of God's creation, we are made in God's likeness and made to have a relationship with Him.	• Guest doctor / medical professional
December	Holiday break.		