

Grade 3 - Science Year-at-a-Glance: 1st Nine Weeks

Time Frame	Days	Units	Unit Overview
August 11 - September 10	22	Physical Properties of Matter	Your child is discovering what makes up our world! They're learning to measure, test, and group materials by their special traits like temperature, weight, and whether they stick to magnets or float in water. Students will explore solids, liquids, and gases, and watch how materials can change when heated or cooled. They'll also have fun combining materials to create new objects, like adding clay to sand to build stronger structures. Parent Letter English and Spanish
September 25 - October 9	21	Forces	Your child is learning about pushes and pulls that move objects. They'll explore forces like magnetism and gravity that can work even without touching something. In this chapter, students will do hands-on activities with swings, balls, and wagons to see how pushing and pulling changes how things move. Parent Letter English and Spanish

Grade 3 - Science Year-at-a-Glance: 2nd Nine Weeks

Time Frame	Days	Units	Unit Overview
October 20-26	5	Forces, continued	Your child is learning about pushes and pulls that move objects. They'll explore forces like magnetism and gravity that can work even without touching something. In this chapter, students will do hands-on activities with swings, balls, and wagons to see how pushing and pulling changes how things move. Parent Letter English and Spanish
October 27 - November 13	13	Everyday Energy	Your child is discovering energy all around us! They're learning to spot different types of energy we use every day. In this chapter, students will identify light, sound, heat, and movement energy in their daily lives and understand why energy is so important. Parent Letter English and Spanish
November 16 - December 18	20	Mechanical Energy and Speed	Your child is learning about the energy of moving objects. They'll discover that faster things have more energy than slower things. In this chapter, students will do fun experiments to see how speed and energy are connected. They'll observe objects moving at different speeds and learn how this affects their energy. Parent Letter English and Spanish

Grade 3 - Science Year-at-a-Glance: 3rd Nine Weeks

Time Frame	Days	Units	Unit Overview
January 5 - February 12	28	Earth's Surface and Resources	Your child is exploring our planet's surface and important resources. They'll learn how soil forms from broken-down rocks and plant and animal remains, and discover dramatic earth changes like volcanoes and earthquakes. Students will also learn how we use natural resources for building, farming, transportation, and making products. They'll understand why it's important to protect these resources and learn ways to reduce, reuse, and recycle. Parent Letter English and Spanish
February 17 - March 22	19	Weather and Space	Your child is discovering how weather affects plants and animals. They'll learn about fascinating animal behaviors like migration and hibernation that happen when seasons change. Students will also explore how plants respond to temperature and rainfall changes by becoming dormant - like trees losing leaves in winter or desert plants surviving during dry periods. Parent Letter English and Spanish

Grade 3 - Science Year-at-a-Glance: 4th Nine Weeks

Time Frame	Days	Units	Unit Overview
March 23 - April 2	8	Growth and Behavior	Your child is learning how energy moves through nature. They'll study food chains and see what happens when parts of these chains change, like what might happen if frogs disappeared from a pond. Students will also discover how natural events like floods and droughts affect living things, causing some to thrive while others must move or struggle. They'll examine fossils as clues to past environments and the amazing creatures that once lived in Texas. Parent Letter English and Spanish
April 5 - 28	17	Energy Flow in Systems	Your child is learning how energy moves through nature. They'll study food chains and see what happens when parts of these chains change, like what might happen if frogs disappeared from a pond. Students will also discover how natural events like floods and droughts affect living things, causing some to thrive while others must move or struggle. They'll examine fossils as clues to past environments and the amazing creatures that once lived in Texas. Parent Letter English and Spanish
April 29 - May 14	12	Structures, Functions and Life Cycles	Your child is exploring how animal body parts help them survive. They'll learn why giraffes have long necks and ducks have webbed feet, and how these special features help animals live in their environments. Students will also study the life cycles of different living things. They'll observe, draw, and compare how creatures like beetles and crickets grow and change, and how plants like radishes and beans develop from seeds to mature plants. Parent Letter English and Spanish
May 13 - 22	6	Getting Ready for 4th Grade	Students study relationships are present throughout all K-12 science content. Students will review these recurring themes and concepts in preparation for 4th grade.