

**Kindergarten
Annual Science Plans
Harcourt Science**

Date	Theme	Objective	Curriculum Standards
Aug 21 - 30	Unit A Lessons 1-3 Back to school Me/ My Senses	To reinforce the five senses; see, hear, taste, smell, and touch.	K.2B1 K.2B&C K.4A
Sep 6-23	Unit D Lessons 2-5 Weather and the Seasons What is Fall	To recognize that changes in weather occur over seasons and be able to identify the order of seasons Identify the characteristics of Fall	K.5A&B K.7C
Sep 26 – Oct 7	Unit E Lessons 1-2 What Can We Find Out About Objects? Sorting Leaves and Fall Objects?	Observe and describe common objects and their properties by using the five senses Recognizing the properties, or attributes of common objects	K.2, K.B2.1 K.2 B&C K.4A K.5A K.6A
Oct 10 – 21	Unit B Lesson 1, and 5 What Are Some Kinds of Plants? How Are Leaves the Same and Different?	Observe similarities and differences in the appearance of plants. Recognize that leaves have similarities and differences.	6.1A, 6.1B, 6.1D 7.1D 8.1A 11.1A

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Oct 24 – Nov 4	Unit B Lesson 4 and 6 Where are a Plants Seeds? Pumpkin carving with 8 th graders. How Do People Use Plants and Animals?	To recognize that a plant's seeds are found in its fruit or flower. To provide an opportunity for students to share and explore the seeds of a pumpkin. Recognize that people use plants and animals to make products such as food and clothing and that plants help the air by adding oxygen to it and taking in carbon dioxide.	6.1A, 6.1B, 6.1D 7.1D 8.1A 9.1B, 9.1C 11.1A
Nov 7-18	Prepare for Thanksgiving Play		
Nov 23-25	Thanksgiving break		
Nov 28– Dec 8	Unit D Lesson 6 Winter	Identify the characteristics of winter and tell how it affects people, plants, and animals.	2.1A, 2.1B 5.1B 7.1B, 7.1C
Dec 19 – 30	Christmas Break		

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Jan 2 – Jan 6	Unit F Lesson 4 How Does Water Change	Recognize properties of water. Recognize that water can be liquid or solid and can be made to change back and forth.	7.1A, 7.1B, 7.1C 10.1A, 10.1B
Jan 17 – Feb 3	Unit A Lessons 1-5 What are Some Kinds of Animals? How Do Animals Grow? How Can Animals Move? What Body Parts Help Animals Eat? How Do Body Coverings Help Animals?	Recognize that animals have various kinds of similarities and differences. Recognize that animals grow, change, and have basic needs. Describe, compare, and classify animals by the ways they move. Describe and sort animals by body structures that help them eat such as teeth and claws. Recognize the different kinds of body coverings of animals and how each helps the animal.	2.1A, 5.1A 6.1A, 6.1C 7.1D 8.1A 9.1A, 9.1B 11.1A, 11.1B

Date	Theme	Objective	Curriculum Standards
Feb 21 – Mar 9	Unit C Lesson 1-3 What Makes Up the Earth’s Land? What Can We Observe About Soil, Sand, and Rocks? Where Do We Find Water?	Recognize that mountains, valleys, hills and plains are different types of land. Identify the physical properties of soil, sand, and rocks. Recognize that water is found in lakes, rivers, streams, and oceans.	9.1B 10.1A, 10.1B 11.1A, 11.1B, 11.1C
Mar 13 – 17	Spring Break		
Mar 20 – 31	Unit D Lesson 3-7 What is Spring? How Can I predict the Weather? Unit B Lesson 2, 3, and 6 What Are the Parts of A Plant? How Do Plants Grow? How Do People Use Plants and Animals?	Identify weather that is characteristic of spring and tell how it affects people, plants and animals. Recognize seasonal changes throughout the year. Recognize that roots, stems, leaves, and flowers are some parts of plants. Recognize that seeds sprout and grow into plants similar to the parent plant. Observe, measure, and record the growth of seeds.	5.1B 7.1B, 7.1C, 7.1D

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Apr 3 – 7	Unit C Lesson 4 How Does the Sky Change	Recognize differences in the sky during the day and at night.	2.1A, 2.1B, 2.1C 5.1B, 7.1B
Apr 10 – May 5	Unit C Lessons 5 and 6 Which of Earth's Resources Do We Use to Live? How Can We Care for Earth's Resources? Preparing for Earth Day (Apr 27)	Identify the resources of Earth that people use every day. Communicate how people, animals, and plants use those resources in daily life Recognize that people can care for Earth's resources. Identify ways people can conserve and care for natural resources. To understand and recognize the beauty of the coral sea.	9.1A, 9.1B, 9.1C 11.1A, 11.1B, 11.1C
May 8 – 18	Unit D Lesson 4 What is Summer?	Identify weather that is characteristic of summer and tell how it affects people, plants and animals.	2.1B 7.1B, 7.1C