



Elementary Third Grade Science At Home Resources



3rd grade

Choose one activity* each week from each of the different domains of science. Each of the activities listed has a connection to a science standard. Completing an activity does not equate to mastering of the standard.

PS=Physical Science

ESS=Earth and Space Science

LS=Life Science

Physical Science	Earth and Space Science	Life Science
Find two objects that move easily when pushed (balls, toys on wheels, etc). Place one in a stationary (still) position and gently roll or push the other toward it. What happens? Try rolling or pushing with different strength. How does changing the strength change the outcome? 3-PS2-2 3-PS2-1	With permission, visit a weather website or read a newspaper and log the current weather. Compare today's weather with predictions for tomorrow. 3-ESS2-1	Draw a new species/animal and label its features and characteristics. Explain why this animal has these specific features. What does the animal use these features for? From which parent did the animal inherit these features? 3-LS3-1
Is there a door that won't close or another problem that you can think of that might be solved with magnets? Design a solution to solve this problem. 3-PS2-4	Call or Facetime a family member - ask them what the weather is where they live. Create a Venn Diagram to compare and contrast. 3-ESS2-2	Take a nature walk with an adult and identify living things. How is each thing able to survive in their environment? 3-LS3-2 3-LS4-3
Watch the video Science Please!: Magnets Take a magnet off of your refrigerator and see what it is attracted to. Is there anything that it repels? 3-PS2-3	Watch the video Science for Kids: Be a Weather Watcher Create your own weather journal. After a week, create a graph to show the weather for the week. 3-ESS2-1	Watch the video Fire Ants Make a Living Raft Explain how ants living in a group helps the group to survive. 3-LS2-1
How can you conduct an investigation about balanced and unbalanced forces using a rope and two people? 3-PS2-1	Design a solution that reduces the impacts of a weather related hazard . 3-ESS3-1	Explain how a light colored rabbit might survive better in the winter than in the summer. 3-LS4-2
Your refrigerator door stays closed by magnetic force . What questions can you investigate about the magnetic force around your refrigerator? 3-PS2-3	Create a chart that compares climate from different regions in the world. 3-ESS2-2	The stages of a butterfly life cycle are egg, larva, chrysalis/pupa, adult. The stages of a frog life cycle are egg, tadpole, frog. How are these alike? How are they different? 3-LS1-1

*All activities should be completed with permission/supervision of an adult.