### JUNE 2022

#### AT HOME STEAM IDEAS

**Engineering**

- **01** Build a simple prism
  - sciencing.com/create-prism-5257017.html

**Art**

- **02** Use chalk to draw around the shadows you make on the sidewalk.

**Math**

- **03** Compare how fast light can travel to how fast you can run

**Sunday**

- **04** Write or draw about what you learned this week

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**Science**

- **05** Watch a movie or read about different roller coasters. Which ones look safer? Which are more dangerous?

**Technology**

- **06** Watch this YouTube video about roller coasters
  - https://youtu.be/zCKenkh1H_c

**Engineering**

- **07** Build a marble roller coaster
  - teachoursidethebox.com/best-stem-challenge-ever/

**Art**

- **08** Draw a picture or write a story about a ride you’d like to go on.

**Math**

- **09** Change the angles of your marble run. Track the changes each time you test it

**Friday**

- **10** Write or draw about what you learned this week. Ride something with wheels.

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**Science**

- **11** Open a cooked egg and a raw egg and compare them.

**Technology**

- **12** Choose two plants and make a different watering schedule for each. What happens?

**Engineering**

- **13** Can you think of something that has an outer, protective shell? How is it similar or different from an egg?

**Art**

- **14** Do an egg drop experiment

**Math**

- **15** Make blown eggs and decorate them.

**Saturday**

- **16** Make a graph of how long the eggs of each animal in the book take to hatch.

**Science**

- **17** Play with ice cubes. Put some in water, in the sun, in the refrigerator, in the shade. How long does each take to melt?

**Technology**

- **18** Go fishing; if you don’t have water near you, try it with a magnet and string in the bathtub!

**Engineering**

- **19** How does a sprinkler work? Build your own sprinkler with a water bottle, hose, and something sharp.

**Art**

- **20** Experiment with milk painting
  - babbledabbledo.com/science-art-for-kids-marbled-milk-paper/

**Math**

- **21** Make a rain gauge
  - www.gardeningknowhow.com/special/children/how-to-make-a-rain-gauge.htm

**Science**

- **22** Play in the sand. Can you build something? What if you get the sand wet?

**Technology**

- **23** Draw pictures of the same scene in different weather

**Engineering**

- **24** Play with liquid soap bubbles. Try making them with different kinds of soap and see what happens.

**Art**

- **25** Write or draw about what you learned this week.

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**Read**

- **26** Zoom!
  - by Diane Adams

- **27** Eggs 1 2 3 : who will the babies be?
  - by Janet Halfmann

- **28** Weather
  - by Lorrie Mack

- **29** Science experiments with liquid
  - by Alex Kuskowski

- **30** Sciencing.com
  - create-prism-5257017.html

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