SCIENCE Newsletter

Week of : May 11th to May 15th, 2026

	4A,B,C,D,E Home Learning
Monday	Complete the Speed Calculations pg1 Study the Vocabulary QUIZLET
Tuesday	Complete the Speed Calculations pg 2 Study the Vocabulary QUIZLET
Wednesday	Find the 10 Fastest Roller Coasters pg 3 Study the Vocabulary QUIZLET
Thursday	**Study the Vocabulary QUIZLET**
Friday	No Homework, enjoy your weekend!

Vocabulary

STEM #4 Vocabulary Quizlet

Reminders

- **STEM #3 Vocabulary Quiz Friday 05/11**
- **Homework due Friday 05/11**

Speed problems

How long will it take a bike rider to travel 36 mi at a constant speed of 9 miles per hour?

4 hours

9)36

Time = Distance ÷ Speed

If a car traveled 150 mi at a constant speed in 5 hours, at what speed was it traveling?

30 mph

5)150

Speed = Distance ÷ Time

If a bus travels for 5 hours at 40 mph, how far does it travel?

5 x 40 = 200 mi

Distance = Speed x Time

A car travels along a road at a steady speed of 60 mph. How far will it travel in 6 hours?

A train covers a distance of 480 mi in 8 hours. If it travels at a constant speed, how fast is it traveling?

John walks at a steady speed of 3 mph. How long will it take him to travel 24 miles?

A car travels at a constant speed of 65 mph. How far will it have traveled in 4 hours?

Melanie completes a long distance run at an average speed of 6 mph. If it takes her 3 hours, how far did she run?

Sarah cycles 30 mi to her grandmother's house at a steady speed of 10 mph. If she leaves home at 2:00 P.M., what time will she arrive?

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Speed problems

How long would it take to travel 120 mi at 8 mph?
(Time = Distance ÷ Speed)

15 hours

$$\begin{array}{r} 15 \\ 8\overline{)120} \end{array}$$

If a bus takes 3 hours to travel 150 mi, how fast is it going?
(Speed = Distance ÷ Time)

50 mph

$$\begin{array}{r} 50 \\ 3\overline{)150} \end{array}$$

If a car travels at 60 mph for 2 hours, how far has it gone?
(Distance = Speed x Time)

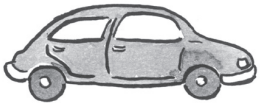
120 mi

$$\begin{array}{r} 60 \\ \times\ 2 \\ \hline 120 \end{array}$$

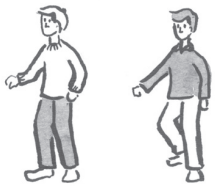
If a man walks for 6 miles at a steady speed of 3 mph, how long will it take him?

A truck driver travels 120 mi in 3 hours. If he drove at a steady speed how fast was he going?

A car travels at a steady speed of 40 mph. How far will it travel in 4 hours?



Shane walks 10 mi at 4 mph. Damien walks 12 mi at 5 mph. Which of them will take the longest?



Courtney drives for 30 minutes at 50 mph and for 1 hour at 40 mph. How far has he traveled altogether?

A racing car travels 340 mi in 120 minutes. What speed is it traveling at?

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Top 10 Fastest Roller Coasters in the World

	Roller Coaster Name	Year Debuted	Location	Speed (mph)
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10				

Find, paste, and label photos of some of these Roller Coasters.

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