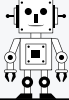
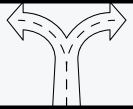


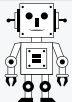
Calculating Speed Menu

Directions: Take a look at the different ways you can **calculate speed** on the choice board. Choose the ONE activity that you think will best help you show what you've learned and that you will enjoy working on!

Ask and Investigate 	Model It! 	Be a Data Detective 
Come up with a question about speed that you can investigate. Plan a simple way to collect distance and time data.	Create a visual model that shows how distance and time are related to speed. Explain your model.	Time how long it takes different people to walk a set distance. Record your data and be ready to share what you found about their speeds.
Math Connections! 	Explain It! 	Solve a Problem! 
Use the speed = distance / time formula to calculate the speed of an object using given measurements. Show your work.	Explain in your own words what speed means and how it is different from just moving. Use the terms distance and time in your explanation.	Imagine a scenario where you need to travel a certain distance in a specific amount of time. Use your understanding of speed to figure out how fast you would need to go.
Tell a Story! 	Create a Visual! 	Be the Teacher! 
Write a short story about a race between two different objects, including details about the distance they traveled and the time it took them to finish.	Create a poster or infographic that explains what speed is and how to calculate it.	Teach someone how to calculate speed using a simple example. Show them how to use the formula and explain what the answer means.

Speeding Up Your Ideas

Explore the core concepts of calculating speed with these starting points. Remember, you can always come up with your own amazing projects too!

Ask and Investigate 	Model It! 	Be a Data Detective 
1. Does walking and running cover the same distance in the same time? 2. Do different types of toy cars have different speeds when pushed?	1. Draw a picture showing two cars traveling the same distance but in different amounts of time. 2. Create a simple animation or a series of drawings to show how changing the distance or time affects the speed.	1. Time how long it takes a ball to roll down different ramps. Measure the length of the ramps. 2. Time how long it takes different types of paper airplanes to fly a certain distance.
Math Connections! 	Explain It! 	Solve a Problem! 
1. If a car travels 100 meters in 10 seconds, what is its speed? 2. If you walk 6 meters in 3 seconds, what is your speed?	1. How is speed different from just saying something is moving fast? 2. Why do we need to know both distance and time to calculate speed?	1. You need to get to a place that is 20 meters away in 5 seconds. How fast do you need to move? 2. A snail moves 1 meter in 10 minutes. How long would it take to travel 5 meters at the same speed?
Tell a Story! 	Create a Visual! 	Be the Teacher! 
1. The adventure of a race car driver trying to beat their best time on a track. 2. An airplane's journey across the country, including the distances and times of different parts of the flight.	1. A poster showing the speed formula with different units of distance and time. 2. An infographic comparing the speeds of different animals or vehicles.	1. Explain the speed formula to a friend using a simple walking example. 2. Create a quiz with speed problems for someone to solve.