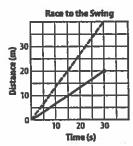
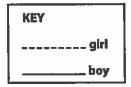
**Predict** three facts that will be discussed in Lesson 2 after reading the headings. Write your facts in your Science Journal.

asa Main Idea sab		Details anne menunna open
What is speed?	Define speed, and tell how it is determined.	
I found this on page	Definition:	
3.	200	· · · · · · · · · · · · · · · · · · ·
	How speed is determined	d:
I found this on page	<b>Determine</b> the speed of each event. Draw a line to the reasonable measurement of speed for that event.	
	person walking	245 m/s
	car on highway	6.4 km/h
	airplane flying	60–100 km/h
I found this on page	<b>Examine</b> constant speed, <i>changing</i> speed, <i>and</i> instantaneous speed.	
	Speed	Description
	<b>Speed</b> Constant	Description
	Constant	Description
56	•	Description
l'is	Constant	Description
® ≅	Constant	Description
I found this on page	Constant	
I found this on page	Constant  Changing  Instantaneous  Write the equation for call	lculating average speed.
I found this on page	Constant  Changing  Instantaneous  Write the equation for call average speed (in m/s)	
I found this on page	Constant  Changing  Instantaneous  Write the equation for call average speed (in m/s)	Iculating average speed.  (in m) or $v = \frac{d}{t}$
· -	Changing  Instantaneous  Write the equation for call average speed (in m/s)  Determine the speeds in	Iculating average speed.  (in m) or $v = \frac{d}{t}$
· -	Constant  Changing  Instantaneous  Write the equation for call average speed (in m/s)  Determine the speeds in John drives 50 km/h for expense the speeds of	Iculating average speed.  (in m) or $v = \frac{d}{t}$ (in s) the following scenario.

average speed for the two hours: \_\_

**Interpret** the distance-time graph to tell what happened in the race to the swing.





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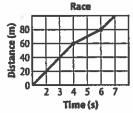
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reaches the swing, the \_\_\_\_\_ is 30 m from the school door.

The boy and girl start from the school door. When the \_\_\_\_\_

Sequence the 5 steps used to calculate average speed of an object on a distance-time graph.

Calculate the average speed of the runner between seconds 4 and 6 using the five steps.



Step 1. \_\_\_\_\_

What is the runner's average speed?

## Lesson 2 | Speed and Velocity (continued)

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l found this on page	1
I found this on page	Calculate the average speed of the marble.  Marble Roll  40 35
······································	E 30 9 25 15 10 1 2 3 4 5 6 7 8 9 10 Time (s)  Starting point: Ending point:
	Change in distance: Change in time:  Average speed of the marble:
Velocity I found this on page	Define velocity.  velocity:
I found this on page	Explain how velocity can change.
	Velocity changes when
Analyze it Expl	ain how motion can be described using a distance-time graph.
1.8 -18 -19 -29	
72 72	
<u> </u>	