Representing Motion

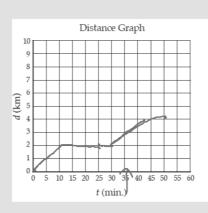
#5

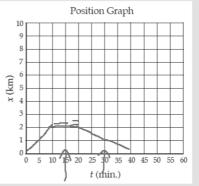
Agenda entrance task worksheet graph and story poster

It took Jon10 minutes to ride his skateboard 2 KM down the hill to Josh's house.

They played games on the computer for 20 minutes. It took Jon 20 minutes to walk back home up the hill







Create a distance and position graph of Jon's afternoon. (sketch)

Learning Target: I can use distance vs time and position vs time graphs to describe the speeds of moving objects.

#5

Complete both sides of the worksheet.

700km



Learning Target: I can use distance vs time and position vs time graphs to describe the speeds of moving objects.

Representing Motion

#5

On a blank piece of paper write a motion story with at least 4 legs in the journey. On the poster you need to include:

- 1. Title
- 2. Motion story (at least 4 legs in the journey)
- 3. distance vs time graph
- 4. position vs time graph

5. Illustration

Story	Title	by Name
	Illust	ration
Distance Graph 10 8 7 6 5 9 4 3 2 1 0	10 9 8 7 7 6 6 5 5 × 4 4 3 3 2 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Position Graph

Example set up:

Learning Target: I can use distance vs time and position vs time objects.

Representing Motion

#5

On a blank piece of paper write a motion story with at least 4 legs in the journey. On the poster you need to include:

- 1. Title
- 2. Motion story (at least 4 legs in the journey)
- 3. distance vs time graph
- 4. position vs time graph
- 5. Illustration

Story	Illustration	
Distance Graph (ii) 3 4 3 1 1 1 1 1 1 1 1 1 1 1 1	Position Graph 10 9 8 7 6 9 5 10 10 10 10 10 10 10 10 10 10 10 10 10	0
t (min.) - 3	t (min.)	

If you finish early ready pages 27-31

Learning Target: I can use distance vs time and position vs fine graphs to describe the speeds of moving objects.

Example set up:

Fossweb Choose a Motion Story	
http://www.fossweb.com/modulesMS/kit_multimedia/ForceandMotion/motion/motionstory.html	



