





















Investigation 2, Part 3 Motion and Matter

Developed at



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> Teacher Notes



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FOSS Program Overview



Investigation 2, Part 3 Science Pract	Ful Option Science System	FOSS
Look at the magnetic-force i and the Science Practices	investigation (Investigation 1, Part 2)	X
How did you conduct the ir a.	Tell students they will be doing their own investigations, but they should first review the practices and conventions that scientists use when they conduct an investigation.	
	Have students turn to the magnetic-force investigation (Investigation 1, Part 2) and the <i>Science Practices</i> sheets (notebook sheets 4 and 5) in their notebooks.	
	Review how they conducted the investigation. List their responses on the slide. Start with the letter "a" and add additional letters as students contribute. They should follow the description in Step 1.	cm
	IWB Click the Notebook Button to open notebook sheets 4 and 5.	
	IWB You can use the <i>Pen Tool</i> to record students' responses.	
Teacher O	IG pg. 145,	Step 1









IG pg. 149-150, Steps 6-9

FOSS

Investigation 2, Part 3 Results and Continued Investigations

Some of you found touch the ground Others found that touch the ground	Motion and Matter, IG pg 148–149, Steps 10–14 Discuss with students the importance of only testing one variable at a time. Ask the questions in Step 10. IWB You can use the <i>Pen Tool</i> to record students' responses.	X
Why didn't we jus twirly bird with sh	Discuss predictions compared to results as described in Step 11. Make sure students understand that a prediction is not about being right or wrong, it's about thinking, "Why did that happen?"	
Why was it impor variable?	Have students conduct their own investigations to test two additional variables. You can return to the list that was generated in Step 2 (slide 3) if students need some suggestions. Remind students to change only one variable at a time. They need to write the variable, question, and their prediction before making the new twirly birds.	
	Assess science and engineering practices progress by using the "What to Look For" in Step 13.	\square
Teacher	Have students form groups and share their results. They should present their investigation questions, the modifications they made, and the results of the modification. Make sure students answer their focus questions for their	
Notes	investigation. IG pg. 148–149, Ste	2ps 10−14



Investigation 2, Part 3 Vocabulary Review X Motion and Matter, IG pg 150, Step 16 Review vocabulary. IWB You can use the *Pen Tool* to write class definitions beside the words or use this slide as a vocabulary resource/reminder. IWB Click each word to reveal its definition at the top of the page. These words should find a permanent place on a word wall in your classroom so that they are always accessible to students. Teacher Notes IG pg. 150, Step 16







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Motion and Matter

IWB Click each label to access its respective website.

WB Click the FOSS Program Overview Button to open the FOSS Program Overview.

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