

Science	Topic: Newton's Laws of Motion
Term 2 2018	04SCI1B

Lesson Plan

Week 8: Lessons 2-3 Thursday (80 mins)

Topic Details	<p>Previous lesson (prior knowledge) Last lesson I showed the class the horse and cart problem, and they finished their prac report.</p> <p>Previously, I briefly introduced them to conservation of energy and the concept of potential energy as it related to their prac.</p>
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Learning Intentions

Students will:

- Have a deeper understanding of forces and acceleration.
- Know about more different forms energy can take.
- Understand the distinction between transformation and transfer of energy, and know about examples of each.

Time (mins)	Teacher Activity	Student Activity	Resources
5	Say Hello, Instruct the class to continue with the worksheet questions.	Coming in late, Settling down, then sitting and listening.	None
10	Mark the role.	Looking at the worksheet questions on the paratrooper.	Science By Doing worksheet.

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10	Talking through solutions to worksheet questions.	Sitting, listening, and participating.	None
10	Instruction on energy task: website, goal to identify examples of forms of energy, and energy transfer/transformations.	Sitting, listening, and participating.	Whiteboard
30	One-on-one.	Playing with digital resources.	https://launchball.sciencemuseum.org.uk/
15	Leading class discussion on forms of energy, and energy transfer/transformation.		

Evaluation/Assessment

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