

Phenomenal SCIENCE



3

WORKBOOK

Jenna Briggs-Fish

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How do things work?



1. Match the problems to the solutions.

1 It is dangerous to ride a motorbike.

a



2 I can't breathe under water.

b



3 The sun can be dangerous for my eyes.

c



2. Draw solutions for these problems.

1 I don't want to get wet in the rain.

2 My ears are cold.

3 My pet hamster needs more exercise.

3. Label these materials as *soft*, *hard*, *heavy*, or *light*.



1 _____

2 _____

3 _____



4. Choose a material for these objects from the box. Give a reason for each choice.

cotton fleece glass leather metal plastic wood

	best material(s)	why
1 water bottle		
2 garden chairs and table		
3 school shoes		

5. Which fastener was created first? Number them.



6. Write T (true) or F (false).

- 1 Engineers build their product based on the first idea they have.

- 2 Engineers choose their materials carefully.

- 3 Engineers must test and improve their inventions.

- 4 Engineers never share their designs.

- 5 Other engineers can change or improve on a design.
