



Subject: Grade 4 Natural Sciences

Topic: Energy transfer

Total: 32 Marks

Name: _____

Date: _____

Question 1: Please Fill In The Blanks

4 marks

When you eat plants, you get some of the (1) energy that the plants have (2) .

Possible Answers: Sun's | stored | created | heat's

1	
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2	
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Question 2: True/False

2 marks

Energy cannot be created, but it can be destroyed.

TRUE

FALSE

Question 3: Multiple Choice

4 marks

Which one of the following is true?

- | | |
|----------|--|
| A | Energy can be created and destroyed. |
| B | Energy cannot be created but can be destroyed. |
| C | Energy can be created but not destroyed. |
| D | Energy cannot be created or destroyed. |
-

Question 4: True/False

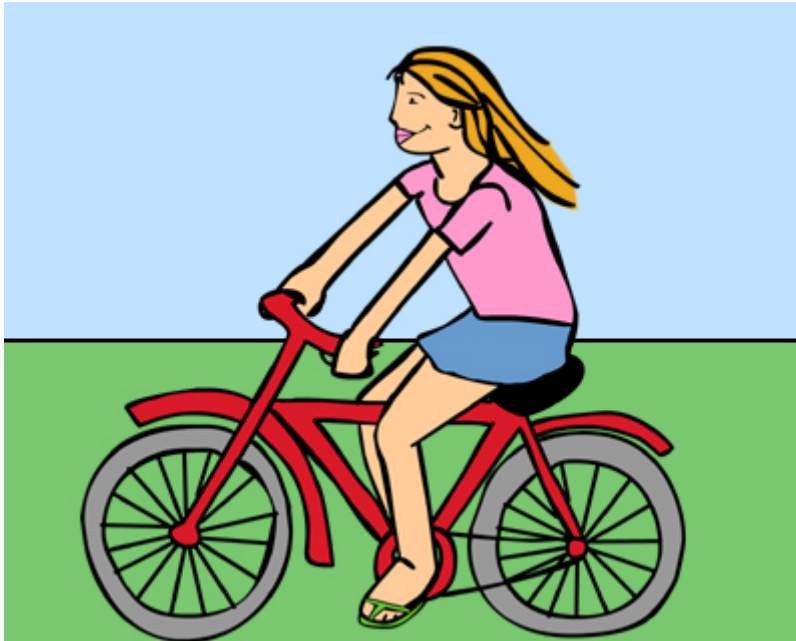
2 marks

When you eat food, your body creates energy.

TRUE

FALSE

This image refers to question: 5



Question 5: Multiple Choice

4 marks

When you ride a bicycle, ...

- | | |
|----------|--|
| A | you are transferring energy to the bicycle. |
| B | the bicycle is transferring energy to your body. |
| C | no energy transfer takes place. |
| D | the bicycle generates energy. |

Question 6: Text Input

3 marks

There are different forms of energy.

A ball rolling on the ground has energy. This is called ... energy.

Answer with **one word only**.

This image refers to question: 7



Question 7: Multiple Choice

4 marks

When you **talk** into a phone, sound energy is converted to ... energy.

- | | |
|----------|------------|
| A | electrical |
| B | heat |
| C | potential |
| D | kinetic |

Question 8: Text Input

3 marks

There are different forms of energy.

A ball on top of a desk has stored energy. This is called ... energy.

Question 9: Please Fill In The Blanks

4 marks

Kinetic energy is (1) energy, while potential energy is (2) energy.

Possible Answers: movement | stored | heat | light

1	<input type="text"/>
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2	<input type="text"/>
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Question 10: True/False

2 marks

Energy from the Sun is always good for you.

TRUE

FALSE

Total: 32 Marks