



Subject: Grade 5 Natural Sciences

Topic: Combining materials

Total: 47 Marks

Name: _____

Date: _____

Question 1: Multiple Choice

4 marks

Which of the following substances is used to make cement?

- | | |
|----------|--------------|
| A | sand |
| B | gravel |
| C | small stones |
| D | limestone |
-

Question 2: Multiple Choice

4 marks

A builder needs to make sure that the foundation of a building is very strong. Which of the following would be the best to use?

- | | |
|----------|---------------|
| A | iron bars |
| B | iron nails |
| C | wooden planks |
| D | perspex |
-

Question 3: Text Input

3 marks

When a solid and liquid mix to form a thick mixture, the mixture is called a

Question 4: Text Input

3 marks

A builder mixes sand, gravel and cement together to form concrete needed for the foundations of a house.

There is a missing ingredient. It is

Question 5: Please Fill In The Blanks

10 marks

Bricks are made from clay. Arrange the steps, in the correct order, that need to be taken when making the bricks.

Firstly, (1) ; secondly , (2) ; thirdly (3) , fourthly (4) and lastly (5) .

Possible Answers: let the bricks cool | place clay in a brick mould | bake the dried bricks in an oven | let the bricks dry in the sun | remove the mould as soon as the clay sets

1	
3	
5	

2	
4	

This image refers to question: 6



Question 6: Please Fill In The Blanks

8 marks

A builder is required to fill cracks in a wall. He makes use of Polyfilla and water.

Arrange the steps, in the correct order, that he needs to take.

Firstly, (1) ; secondly, (2) ; thirdly, (3) and finally (4) .

Possible Answers: fill cracks | mix the ingredients | a paste is formed | let the mixture set

1	
3	

2	
4	

Question 7: Please Fill In The Blanks

6 marks

Which are the three **manufactured** materials in this list?

(1) , (2) and (3) .

Give your answers in alphabetical order.

Possible Answers: Plaster of Paris | concrete | gravel | water | sand | bricks

1	
3	

2	
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This image refers to question: 8



Question 8: Text Input

3 marks

The substance found in jelly, that causes the jelly to set, is called

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This image refers to question: 9



Question 9: Please Fill In The Blanks

6 marks

Cement is made from a mixture of (1) , (2) and (3) .

Give your answers in alphabetical order.

Possible Answers: Plaster of Paris | gravel | coarse sand | clay | limestone | water

1	
3	

2	
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Total: 47 Marks