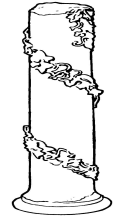


Science: KS3

Which Gravestones Survive?



Gravestones can be made from a number of different types of rock.

Task: As you walk around the cemetery, see how many types of rock you can identify and keep a tally chart in the table below. Perhaps you can also plot them on a blank map of the cemetery.

Type of Rock	Tally
Slate	
Marble	
Chalk	
Granite	
Pumice	
Sandstone	

Can you plot the different types of stones used on the map?

Which rock seems to be the most popular choice for gravestones? Why do you think this is?

Which type of rock seems to last the longest?

Think about these questions here and complete your answers.

Type of Rock	Is it permeable?	Does it split?	Does it wear well?
Slate			
Marble			
Chalk			
Granite			
Pumice			
Sandstone			

Can you think of any other uses for these types of rock?

Can you think of an experiment to recreate the effects of the weather on our gravestones?

1. Other things to notice:

1. Which rock is seen the most gravestones?

2. Why do you think this could be?

3. Which rocks are the hardest wearing?

4. What types of plants grow on the gravestones?

5. What types of rock do they grow on?

6. On what side of the gravestone do the plants grow? Why is this?

7. What other questions can you think of? Write them here:

8. _____

9. _____

10. _____

Test your classmates and see if they can investigate to find the answers.