

PUPIL WORKSHEET 4: From the Millennium Wall, choose one example each, of a sedimentary, an igneous and a metamorphic rock. You may use the information boards to help you to fill in the table below.

CHOOSE AN EXAMPLE OF A SEDIMENTARY ROCK FROM THE SECTIONS IN THE MILLENNIUM WALL	(1) NAME OF ROCK (from the information board)	(2) AGE OF ROCK (in MY from information board)	(3) SOURCE (where the rock is from)	(4) IN THE SPACE BELOW WRITE DOWN THE EVIDENCE YOU CAN SEE IN THE ROCK , TO EXPLAIN WHY YOU THINK IT IS <u>SEDIMENTARY</u>
CHOOSE AN EXAMPLE OF A METAMORPHIC ROCK FROM THE SECTIONS IN THE MILLENNIUM WALL	(1) NAME OF ROCK (from the information board)	(2) AGE OF ROCK (in MY from information board)	(3) SOURCE (where the rock is from)	(4) IN THE SPACE BELOW WRITE DOWN THE EVIDENCE YOU CAN SEE IN THE ROCK, TO EXPLAIN WHY YOU THINK IT IS <u>METAMORPHIC</u>
CHOOSE AN EXAMPLE OF AN IGNEOUS ROCK FROM THE SECTIONS IN THE MILLENNIUM WALL	(1) NAME OF ROCK (from the information board)	(2) AGE OF ROCK (in MY from information board)	(3) SOURCE (where the rock is from)	(4) IN THE SPACE BELOW WRITE DOWN THE EVIDENCE YOU CAN SEE IN THE ROCK, TO EXPLAIN WHY YOU THINK IT IS <u>IGNEOUS</u>

NATIONAL STONE CENTRE: KS3 THE THIRD LOCATION & MILLENNIUM WALL EXERCISE

From the Millennium Wall, choose two different LIMESTONES that you have not already surveyed. Look closely, and make a list of all the DIFFERENCES you can see between the two limestones you have chosen. Then try to explain WHY these differences occur.

FIRST LIMESTONE CHOSEN: ROCK NAME & SOURCE (See information Board)	SECOND LIMESTONE CHOSEN: ROCK NAME & SOURCE (See information Board)
ROCK AGE in millions of years) (See Board)	ROCK AGE in millions of years) (See Board)
LIST OF PROPERTIES	LIST OF PROPERTIES
Colour	Colour
Grain size	Grain size
Fossils	Fossils
Layers or bedding (yes / no / thickness)	Layers or bedding (yes / no / thickness)
shape / size of rock pieces	shape / size of rock pieces
Amount and type of weathering	Amount and type of weathering
POSSIBLE EXPLANATIONS FOR THE DIFFERENCES BETWEEN THE TWO LIMESTONES	

Choose one section of wall made of rock suitable for building **the walls of a house**. Sketch and label **one piece of the rock** to explain why it would be suitable.

Choose another section of wall made of rock suitable for building **the roof of a house**. Sketch and label one piece of the rock to explain why it would be suitable.

A LABELLED SKETCH OF STONE SUITABLE FOR BUILDING A HOUSE WALL.

A LABELLED SKETCH OF STONE SUITABLE FOR BUILDING A HOUSE ROOF.