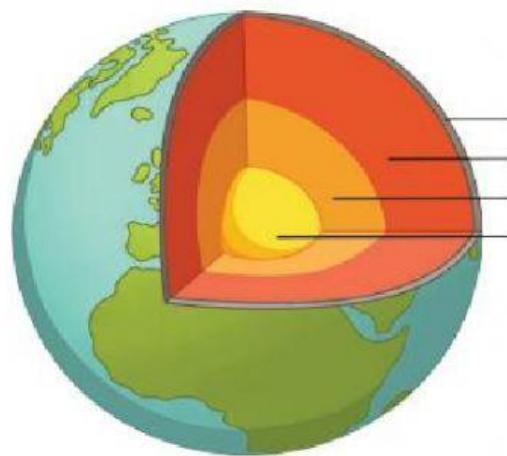


## YEAR 9 REVISION WEEK ACTIVITY

### QUESTION 1

#### Label Me

Place the following labels on the earth: crust, mantle, inner core and outer core



### QUESTION 2

#### Match and Draw

Match the earth's layer with its description.

crust
mantle
outer core
inner core

Made up of nickel and iron and is a liquid layer
Hottest part of the earth, solid and made up of nickel and iron
Outer layer of the earth. 0-60 km thick
Widest section of the earth. Made up of semi molten rock called magma

### QUESTION 3

- Name 3 type of rocks.

#### QUESTION 4

##### Match and Draw

Match the type of weathering with its example

physical weathering

acid rain

biological weathering

freeze-thaw

chemical weathering

animals and plants

#### QUESTION 5

1. The image of the statue below shows erosion over a period of time.



- Describe one visible difference between the two images.
- Name the stone that the statue could be made from.
- Name the type of erosion shown.

## QUESTION 6

1. A group of pupils want to investigate weathering. They completely fill a milk bottle with water and seal the lid. They soak a piece of sandstone in water and place the sandstone in a plastic bag. Both the milk and sandstone are put into a freezer for 24 hours.



After 24 hours, the milk bottle was retrieved from the freezer. The water had become ice and the bottle was cracked.

- What type of physical weathering is shown?
- Explain why the bottle has cracked.