

## Geography - The Arctic & Antarctic Circles

*How do the Antarctic and Arctic Circle environments compare to each other and other environments we are familiar with?*

### What are the seven continents?

*The 7 continents are Europe, Asia, Africa, North America, South America, Australasia and Antarctica*

### How does the interior of Antarctica compare to its coastal regions?

*The interior region of Antarctica is extremely cold and has little snowfall. The coastal areas of Antarctica are milder (though still extremely cold) than the interior and have more precipitation.*

### VOCABULARY

**continent:** any of the seven large and continuous land masses that constitute most of the dry land on the surface of the Earth

**ice shelf:** a thick mass of ice covering coastal land and extending out over the sea so that the extended portion floats

**glacier:** a large body of accumulating ice and compacted snow, formed in valleys or at the poles, that slowly moves and changes under its own weight

## Art & Design - Printing Frozen Landscapes

*How are different printing techniques used to create a pattern or picture?*

### What is the difference between mono and relief printing?

**Mono** form of printmaking that has lines or images that can only be used once.

**Relief** is a type of printing where a printing block is used to make a mark on paper.

**Who was William Morris?** 19<sup>th</sup> century designer of wallpaper and tapestry who became famous for printing repeating patterns in his designs.

### VOCABULARY

**print:** an indentation or mark made on a surface

**overlay:** different materials used to add colour and texture to a print.

**Indentation:** a dent in a surface

## Year 4 Autumn 2 Topic Mat

# Frozen Worlds



The learning you child will be doing in each subject this term is based on a key question.

The subsequent questions and vocabulary are some of the small steps they will take to achieve their answer.

Please discuss these with your child to help support and reinforce the work they are doing in class.

## Science - Changing State (freezing & melting) / Classifying Living Things

*What impact is global warming having on the habitats of living things in the polar regions?*

### What temperature does water freeze at?

*0 °C*

### What is MRS NERG when considering what living things need to survive?

*Movement, reproduction, sensitivity, nutrition, excretion, respiration, growth.*

### VOCABULARY

**Environment:** everything that surrounds a particular type of living thing and affects its growth and health.

**Classify:** to group or order.

**Vertebrate:** having a backbone / spine.

## Religious Education (RE) - Hinduism

*What do Hindus believe God is like?*

### What is 'Aum'?

*'Aum' is the sound of a sacred spiritual symbol in the Hindu religion.*

### Who is Brahma?

*Brahma is the god responsible for the creation of the world and all living things.*

### VOCABULARY

**deity:** a god or goddess

**sacred:** connected with God or a god or dedicated to a religious purpose

**puja:** the act of worship (Hinduism)