**Science (WAU):**

In groups of 6 the pupils will make their own world out of gingerbread, milk and blue ice cubes. The children will place the gingerbread world into a glass, ceramic container. They will then pour the milk into the container and add ice cubes. Each group will be allocated a certain appliance, e.g. a hair dryer, a fan, their own breath etc. and will see the results of what each appliance can do. Eventually the ice will melt and then the pupils will have a discussion as to which appliance made the ice melt the fastest/slowest etc.

**Art (The Arts):**

The children will create their own handprint penguin. Each child will be given card which is outlined for them to cut out. They will join the pieces together with glue, add googly eyes and put a white hand print where the penguin’s belly is.

**Literacy:**

Children will make a fact book about animals you would find in Antarctica. The teacher will model the first two animals and then the children, from their word mats, will create the rest of the descriptions.

**Drama (The Arts):**

In the role play corner there will be ‘The Antarctic Vets.’ This is where the children will work together to care for the animals to ensure none of them go extinct. They should also care for the environment they are in.

**Geography (WAU):**

The pupils will engage in a live penguin watch at a zoo and discuss some of their movements and actions. The teacher will have Percy the Penguin and will describe his movements in the wild at certain times of the year. Pupils will make ‘krill’ for Percy to eat. 

https://www.edinburghzoo.org.uk/webcams/penguin-cam/#penguincam

**Play-Based Learning:**

In the water tray animals which you would find in the Antarctic Ocean have been trapped in giant ice cubes. It is the pupils job to work together to free the animals so that they can swim again. They will have a number of tools to help them, e.g. plastic spoons, plastic chisel, an ice scraper etc. and will have to decide which tool is the best one to use. This could then be linked to a geography lesson on extinct animals and the reasons why animals are going extinct in today's society. The pupils could discuss what they could do to help the animals.
**Science (WAU):**

The pupils will complete the blubber experiment to learn about how animals in the Antarctic adapt to cold waters. In the experiment the children will be asked to predict, plan and record results. The pupils will be asked to put their hands in ice water for 5 seconds then remove it and describe how it felt. The children will then complete this again only this time they will have their blubber glove on. They will again describe how this made them feel. The pupils, as a group, will record their findings and draw up a conclusion.

**Numeracy**

In pairs the pupils will organise animals into those that live on land, in water or air. They will have cards which they will have to sort into baskets. The children will then compare and contrast results.

**Personal Development and Mutual Understanding:**

As part of this lesson the pupils will get a visit from Wally the whale. He is upset because humans are stealing his blubber. Circle time activities could be completed, as well as talking about what is fair and what isn’t.

**Music (The Arts):**

Pupils will sing ‘I’m a Little Penguin’ moving around the room like a penguin. They will then sing the song quietly not to scare Percy the penguin and loudly to waken the Percy. This lesson could be linked to dynamics.

**Physical Education:**

Antarctic animals’ yoga. The teacher will show the pupils safely, how to complete poses looking like the animals they have studied. The pupils will then see if they can come up with their own.

**Play-Based Learning:**

**Making and Designing Station:**

Pupils will try to make their own igloo out of ice cubes. Pictures of igloos will be on the desk to help and guide them.

**Science Station:**

Pupils try to discover how penguins stay dry. There will be a picture of a penguin which they will colour in with a white crayon. They will then drop water onto the penguin and the water should run off. Then discuss with the children their predictions and the outcomes.

**Mathematics Station:**

Antarctic Animal bingo in groups.

**Water Tray:**

Pupils re-enact the story of ‘One Day on our Blue Planet’ while the teacher reads the story. They will have props to role play with.