



Reception Home Learning

Penguins are such amazing birds - living in those freezing conditions!



Today your challenge is to find 3 fabulous facts about penguins.

You can write your facts down in a fact file (with the help of your grown up). You can make a video of your facts and send it to us. **Or** how about this for an idea... get your dad or mum to phone a grandparent or a friend for you and then brighten their day by telling them your amazing facts. Remember, you can start your facts by saying **"Did you know that..."**

Have fun!

Mathematical Development

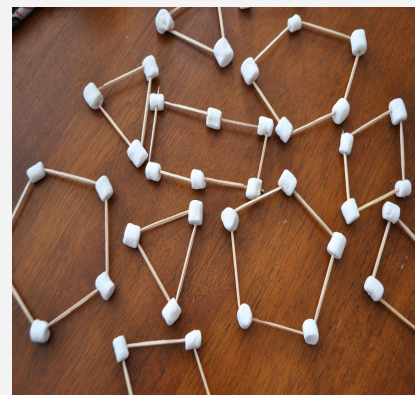
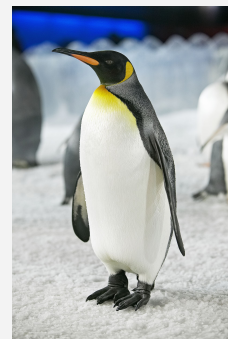
Our Learning

Today we are going to have some shape play!

Look at the pictures below - can you recognise their shape? What are their names?

Watch Mrs Horne-Smith's video and join in with her shape recognition game.

1. You will need straws/cocktail sticks and marshmallows! Can you build the 2d shapes that Mrs Horne-Smith describes? Or if you do not have these materials can you draw them or make them with household items or sticks?
2. As our topic is winter can you use the worksheet attached and your super cutting skills to build a snowman - can you make your snowman with a hexagon and an octagon?
3. Complete the hexagon and octagon worksheets attached to practise your shape drawing skills.
4. Challenge: Can you find some 2d shapes in your environment on your daily walk?
5. Can you also build some 3d shapes with your mallows?



Thursday



Reception Home Learning

Topic

Today, we are going to be investigators!

Our Learning: We are going to **look for changes** and **explain why things happen** in this experiment..

Wellington and his friends live in such a cold place. How do they stay warm?

Well, they stay warm because under their skin they have a layer of blubber. What a great word that is! Here is a link to a short video which tells you all about blubber. It's a bit fast and furious but we think the children will enjoy watching it!

https://www.youtube.com/watch?v=TwfKCX_8fbA

We don't have blubber so when it's cold, we have to wear lots of warm layers to keep us warm. Mums and dads and grown ups are always telling us to put on our coats, hats and scarves. Let us show you how they keep you warm...

Get **two plastic beakers**. Fill both of the beakers with **really hot water** (not boiling)... **this is a job for grown ups!** Then cover one beaker with a hat, a scarf or a glove and maybe pop an elastic band around to make a seal. Leave the other beaker uncovered.

Leave the beakers for 20-30 minutes . Then, go back and see what has happened to the water.

Does one beaker have warmer water than the other? Why is this?

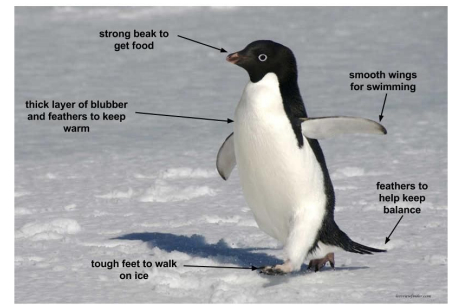
Parents: Here are some key questions to use as you encourage your child to explain and understand what they have discovered through the beaker and water experiment:

Key questions: Why is the covered water warmer? Why does your coat keep you warm?

Why is the uncovered water colder? Why do you get cold if you go out without your coat?

Today's Physical Challenge!

Why not get your body really insulated so that you don't get cold and go out and enjoy some time outside. Will you ride your bike, scoot on your scooter or just have a nice walk?



The most important part of this experiment is getting your child to talk about **why!**



Day 4

We'd love to see what you've done today. Upload some pictures to your child's school 360 journal. Don't forget to email if you have any questions or concerns.