

Bowmansgreen Primary School
Year 1 – Home Learning Grid
Spring Term – Grid 3



Over the next two weeks, please complete ***all*** of the tasks on this grid. You may complete the tasks in any order (unless specifically stated on the grid). Once you have completed an activity, please ask a parent/carer to initial and date in the appropriate space. You may wish to take a photograph of larger pieces of work and/or practical activities. You are welcome to bring any completed tasks into school, upon our full re-opening, to share with your teacher and receive verbal feedback.

<u>Task One</u>	<u>Task Two</u>	<u>Task Three</u>	<u>Task Four</u>
<p>Imagine you are an explorer and are going to explore Antarctica. Make a list of all the things you need to bring to stay safe and healthy and support you in your exploration. For example, <u>dried food</u> to ensure you are not hungry. Try and include at least ten items on your list.</p>  <p><u>Challenge!</u> Think about the different materials that your clothes will be made from. What properties will these materials need to have to keep you safe and healthy? Try and write at least two sentences to explain your ideas.</p> <p><i>Parent/carer signature and date:</i> </p>	<p>In the polar regions, animals have adapted to live in cold environments. Watch this short video: https://www.bbc.co.uk/bitesize/c/lips/zrgygk7 Pick either a polar bear, snow fox or reindeer and write three facts about how it has adapted to living in the Arctic.</p> <p><u>Challenge!</u> What would be the problem if an animal wasn't in camouflage with its surrounds? Write two different problems.</p> <p><i>Parent/carer signature and date:</i> </p>	<p>In computing, we are learning about algorithms. This is a special word which means instructions. Watch the video below that helps explain this in more detail. https://www.bbc.com/bitesize/articles/z3whpv4 Your adult will need to imagine that they are a robot and you will need to give them an algorithm to instruct them to brush their teeth. Your adult will need to listen carefully and only do as they are told. This may take a few tries before the algorithm is correct.</p> <p><u>Challenge!</u> Swap over and repeat the task, but this time think of another daily job that instructions (an algorithm) might be needed for.</p> <p><i>Parent/carer signature and date:</i> </p>	<p>Go on a material hunt around your home. Try and find lots of different materials. Place them on the ground and explore different ways they could be sorted into groups. For example:</p> <ul style="list-style-type: none"> • Hard and soft • Waterproof and not waterproof • Smooth and bumpy • By what they are made from <p><u>Challenge!</u> With your adult, carry out an experiment to see which materials are waterproof. How could you test this fairly? Make a prediction (a good guess) before you test the materials. Take some pictures of your experiment.</p>  <p><i>Parent/carer signature and date:</i> </p>

Task Five



Research different vehicles that modern day polar explorers use.

https://www.coolantarctica.com/schools/lesson_plan_antarctica_travel.php

What do you like about them? Using those ideas, design your own explorer vehicle.

Challenge!

Label your vehicle with sentences to explain how the different parts help it move around the polar regions.

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Task Six

We all belong to different groups. This could be our family, our school, a club or a weekend sports team. Talk about all the different groups you belong to. Draw a picture of yourself and a group that you belong to. Remember to label the different people in that group and maybe include any logos or badges which show you belong to it.

Challenge!

Using a few sentences, explain what it feels like to belong to that group. Write about what you enjoy about belonging to that group and any other interesting facts about your group.

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Task Seven

Play 'Simon Says' to practise directional words. (Forward, backward, step left, step right, turn left, turn right.) We have already learnt about algorithms (instructions) in task three. Today you will be giving algorithms to your adult to help them navigate around your home. You will need to blind fold them and, using your voice only, instruct them to reach another room of your choice. You can repeat this task swapping over or setting different destinations to get to.

Challenge!

Create a polar map. Place different drawings around your map, e.g. x marks the spot, polar bear, penguin, mountain. Using a small toy create some instructions to reach different drawings on your map.



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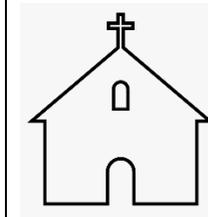
Task Eight

Some people belong to different religions. Religions often have a special place to visit and worship in. Christian's belong to the religion of Christianity and their special place of worship is a church. In a church there are different symbols to look at. Find out three symbols that might be found in a church. Print examples off, draw them or use a computer to create them.

<https://request.org.uk/restart/2014/03/05/symbols-5/>

Challenge!

Write a sentence to explain what each symbol means to a Christian.



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