

## Year 1

### Half Term Break Activities

It is half term this week. We have given you a selection of activities to try to help keep you busy. These are some ideas for you to choose from so please do not feel pressure to do all of them! We hope you have a good bank holiday and half term week. Thank you for your hard work so far. Above all try to relax and have fun!

#### **Activity 1 - Find and decorate a stone**

See if you can find a rock or stone outside. Give it a clean and then decorate it with anything you have at home. It is National Children's Gardening Week and you can enter your creation in a national competition. The details of how to enter are attached.

#### **Activity 2 - Human Robot (ICT)**

You will need another human from your house - it could be an adult or a sibling. You are going to design an algorithm (a set of instructions) and programme them to move around your home. Think about the instructions you need to give. Do they need to move forwards or backwards? How many steps do they need to take? You can say these instructions or write them down.

#### **Activity 3 - Create a Touch and Feel Box**

Find a box and make a hand sized hole in the top (ask an adult to help you). Find some objects from home that will fit in the box. Take it in turns to put each item in the box. Can you guess what they are by feeling them? If you don't have a box to use you could use a pillow case.

#### **Activity 4 - Reading**

Listen to and read the books assigned to you on your Epic book account. Have a look and see which other books interest you. Can you find fiction and non-fiction books to read? Try to read one each day if you can. If you can't login to your Epic account, read a book that you have at home. Can you talk about the main events in the story? Who are the main characters?

Monday

<b>Tuesday</b>	<p style="text-align: center;"><b>Activity 5 - Adjective Sorting</b></p> <p style="text-align: center;">Look at these words and read through them with an adult.</p> <p style="text-align: center;"><b>clean blue soft pen sit fork little toy red teddy book shiny cup sparkly wet pet round</b></p> <p>Can you sort these words into adjectives (describing words) and words that are not adjectives? Challenge: Can you find things in your home to match the adjectives?</p> <p style="text-align: center;"><b>Activity 6 - Be Active</b></p> <p>Try to remain active throughout the day. Think about an exercise or move that you can do each hour. You could do 10 star jumps, 10 squats, walk up and downstairs, jog on the spot for 1 minute or even dance to your favourite song. How many different ways to exercise or move can you think of? Can you get someone else in your home to exercise with you?</p> <p style="text-align: center;"><b>Activity 7 - Be an Artist</b></p> <p>Draw or paint a picture of something that you can see in your house. You can do this in your Home Learning Book or login to your Purple Mash account</p>
<b>Wednesday</b>	<p style="text-align: center;"><b>Activity 8 - Design Your Own Board Game</b></p> <p>Think about your favourite board game. We liked playing snakes and ladders at school. We would like you to design and make your own board game. You can use the sheet attached or you can draw it in your Home Learning Book. You could use anything as a counter. If you don't have dice at home, you could write down the numbers 1 - 6 on pieces of paper, close your eyes and choose one so you know how many spaces to move.</p> <p style="text-align: center;"><b>Activity 9 - Memory Game</b></p> <p>Put some objects on a tray (or table). Ask someone in your home to take one thing away when your eyes are closed. Can you remember what is missing? Take it in turns, who has the best memory in your family?</p>
<b>Thursday</b>	<p style="text-align: center;"><b>Activity 10 - Make a Caterpillar</b></p> <p>Watch this clip on YouTube if you can <a href="https://www.youtube.com/watch?v=3GJZ5PvelP4">https://www.youtube.com/watch?v=3GJZ5PvelP4</a>. Follow the instructions to make a caterpillar out of strips of paper. Can you make it move? If you can't watch the clip. Fold strips of paper to make a caterpillar. Use different sized strips of paper to make a family of caterpillars.</p> <p style="text-align: center;"><b>Activity 11 - Purple Mash</b></p> <p>Log into your purple mash account. Can you create a picture of your favourite things? Let's see if we can fill the display board with beautiful pictures like we do in our classroom!</p> <p>If you can't login to Purple Mash, draw a picture in your Home Learning Book</p>

Friday

### Activity 12 - Household Items Hunt

Have a look at the hunt sheet attached. Can you find these things around your home? If you can't print off the sheet, you can write them in your Home Learning book.

### Activity 13 - Maths - Missing Numbers

Look at the sheets attached. Can you fill in the missing numbers? Be careful and check whether you need to count in 2s, 5s or 10s. You can use your number square to help you.

### Activity 14 - Number bond Challenge

Complete these additions as quickly as you can. Try to use the number bonds you know to be super quick or use your fingers to count on.

Try to continue to read for 5 minutes each day. Remember to fill in your reading stars box at the front of your reading diary!

Remember some exercise is important everyday! There are lots of ideas on the extra activities list on our website for you to try. There are some examples below that you could look at.

Work out with Andy:

<https://www.bbc.co.uk/iplayer/episode/p06tmtxh/andys-wild-workouts-series-1-10-arctic>

PE with Joe wicks every morning

<https://www.youtube.com/user/thebodycoach1>

Jump start jonny -

<https://www.jumpstartjonny.co.uk/free-stuff>

<https://www.youtube.com/watch?v=CD5Xa4Zt4Zc>

We have set some extra tasks for you to do on Purple Mash this week too.

# Half-Term Break Activities

## Task 1



Get creative  
outdoors!

**We have been very lucky to have such lovely weather recently and because of this a lot of people may be spending more time in their gardens!**

As it is National Children's Gardening week, this week's competition gets you being creative in a slightly different way! For more information about National Children's Gardening Week [click here](#).

### The Competition!

**Find a rock or a big stone. This could be found in your garden or you might want to go out for a walk to find one... Once you have got it, give it a clean and then decorate it!**

You might want to decorate it with chalk, paints or other materials you have at home! You might want it to look like an animal! Maybe you want it as colourfullas it can be, or you might want to do something completely different. It is entirely up to you!

Once you have decorated your rock we would like you to take a photograph of it and find a special place for it in your garden! Please then send your photo to us via the submit button on the competition page.

Start date: Thursday 21st May 2020 at noon • Closing date: Thursday 28th May 2020 at noon

## Task 2 – Human Robot

### Overview

In this activity, children will learn to create and sort a sequence of instructions (algorithms) to program their Human Robot to move.

#### Concepts:



**Age group:** 5 – 7

**Duration:** 15 – 45 minutes

#### Materials you will need:

- ✓ At least two humans!
- ✓ Printed direction cards or just use your voice to call out instructions
- ✓ Optional home-made robot hats or masks

### What will your child/children learn?

**Algorithms** – An algorithm is a precise sequence of instructions, or set of rules, for performing a task.

**Debugging** – Debugging is about finding out what is wrong in an algorithm or program and fixing it.

**Programming** – Programming is the process of designing and writing a set of instructions (a program) for a computer in a language it can understand. This can be simple, such as a program making a robot toy trace out a square, or incredibly sophisticated, such as those behind search engines and weather forecasting.

The behaviours **creating, persevering, collaborating** and **tinkering** (changing things to see what happens), are approaches to learning that are encouraged throughout our home activities.

### Getting started

- 1) Explain to your child/children that they are going to be controlling a “robot” to move – and that robot is you! Firstly, you are going to control your child/children to move as if they are robots. If you are using hats or masks ask them to put them on.
- 2) Using the printed direction cards, show the forward arrow and ask what this arrow might mean. Model the action by stepping forwards one step and saying “forwards”. Ask your child/children to copy you and repeat the word if they can.



- 3) Repeat with the other directional cards, emphasising that the right and the left turns are quarter turns on the spot.
- 4) Explain: An algorithm is a sequence of instructions to get something done.

## Their turn

- 1) With hats or masks on, if you are using them, start at an object (e.g. the kitchen table) and see if your child can program you to a specific item (e.g. the fridge).
- 2) Encourage them to say and show the direction card at the same time but that is the only time they can use their voice. Programmers are not allowed to talk whilst the "robot" is working; this includes blurting out answers or pointing out when the "robot" has done something wrong.

### ...next

Take it in turns to be the "robot".

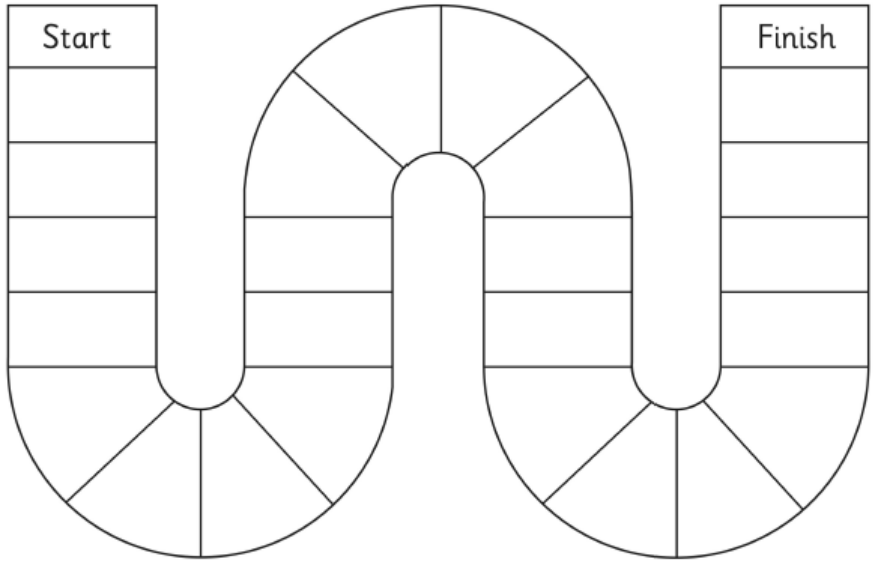
## Time to talk

- 1) Explain that the instructions they have made are algorithms – a precise sequence of instructions for performing a task.
- 2) Explain that if the robot went in the wrong direction, they had to use their debugging skills to correct the robot.

## More ideas

- Can your child make a sequence of instructions for the robot by sticking the arrow cards on the wall, floor or chalk board etc in the right order?
- If you have the space, you could use masking tape to create a grid. Place objects in the squares of the grid for your robot to find. You could add in objects that have to be avoided. You could also chalk a grid outside and use garden objects.
- Explore robots as a theme: create a robot outfit for a favourite toy, build a robot out of small building bricks or junk modelling, watch a film such as WAL-E or have a look at the Honda robot Asimo together on YouTube.

## Task 8 - Design a Board Game



## Task 12 -

# Household Items Treasure Hunt

Look around your house to find items that solve the clues. Draw the items in the boxes. Will everyone in your house find the same things? Can you find something different? Can you find and draw...?



something yellow

something square

something that shows  
the number 5

something that is a sphere

something that is blue

something that is empty

something that is  
taller than you

something that is a cube

something that shows  
the number 10

two things that  
are cylinders

three things that  
are the same

four things that are smaller  
than your hand

## Task 13

I can count, read and write numbers to 100 in numerals and count in multiples of twos, fives and tens.

Fill in the missing numbers.

11	12	13	14						
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2	4	6	8						
---	---	---	---	--	--	--	--	--	--

5	10	15	20						
---	----	----	----	--	--	--	--	--	--

10	20	30	40						
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I can count, read and write numbers to 100 in numerals and count in multiples of twos, fives and tens.

Fill in the missing numbers.

35	36				40				44
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2					12				20
---	--	--	--	--	----	--	--	--	----

5	10				30				50
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10					60				100
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Task 14  
Number bond Challenge

**Number Bonds Challenge 1**

$1 + 4 =$	$0 + 5 =$	$3 + 2 =$
$3 + 3 =$	$2 + 4 =$	$3 + 3 =$
$4 + 1 =$	$1 + 4 =$	$4 + 2 =$
$6 + 0 =$	$5 + 1 =$	$5 + 0 =$
$2 + 4 =$	$4 + 2 =$	$2 + 4 =$
$3 + 2 =$	$0 + 5 =$	$3 + 3 =$
$5 + 1 =$	$6 + 0 =$	$1 + 5 =$
$0 + 6 =$	$2 + 4 =$	$6 + 0 =$
$3 + 3 =$	$5 + 1 =$	$4 + 1 =$
$2 + 3 =$	$3 + 2 =$	$0 + 5 =$
$3 + 2 =$	$4 + 1 =$	$5 + 1 =$
$1 + 5 =$	$0 + 5 =$	$2 + 4 =$
$3 + 3 =$	$2 + 3 =$	
$4 + 2 =$	$1 + 4 =$	