

Week beginning – Monday 22nd February 2021

Please remember to submit all completed learning to the Remote Learning account of the Academy, the email address is:

- Remote-Learning@twapa.co.uk

KS2 Computing

Lesson Objective:

- I can create a step by step set of instructions and debug it.

Success Criteria:

- Gold: To create a set of instructions and debug it.
- Silver: To create a simple set of instructions.
- Bronze: To follow a simple set of instructions.

In this lesson we are going to talk about algorithms and how to create a sequence.

Recap on last lesson:

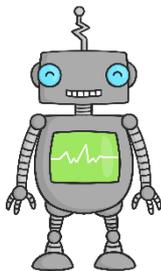
An algorithm is a precise set of instructions that you follow to solve a problem or complete a task.

Algorithms need to happen in the correct order.

Digital devices all follow algorithms in order for them to work. You use an algorithm to tell a computer what to do.

Everything you can do on a computer is able to happen because an algorithm has been written for it.

Clicking a mouse, opening a word document and playing a game are all examples of things that have algorithms.



I am a robot, and I will follow all commands given to me by you.

Your task is to give me simple instructions to complete tasks.

Remember instructions need to be clear and in the right order.

First task you need to get me to the other side of the board, you can print this page or draw the board on a paper.

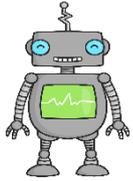
I need help getting to my desk, can you direct me?

I only know the commands:

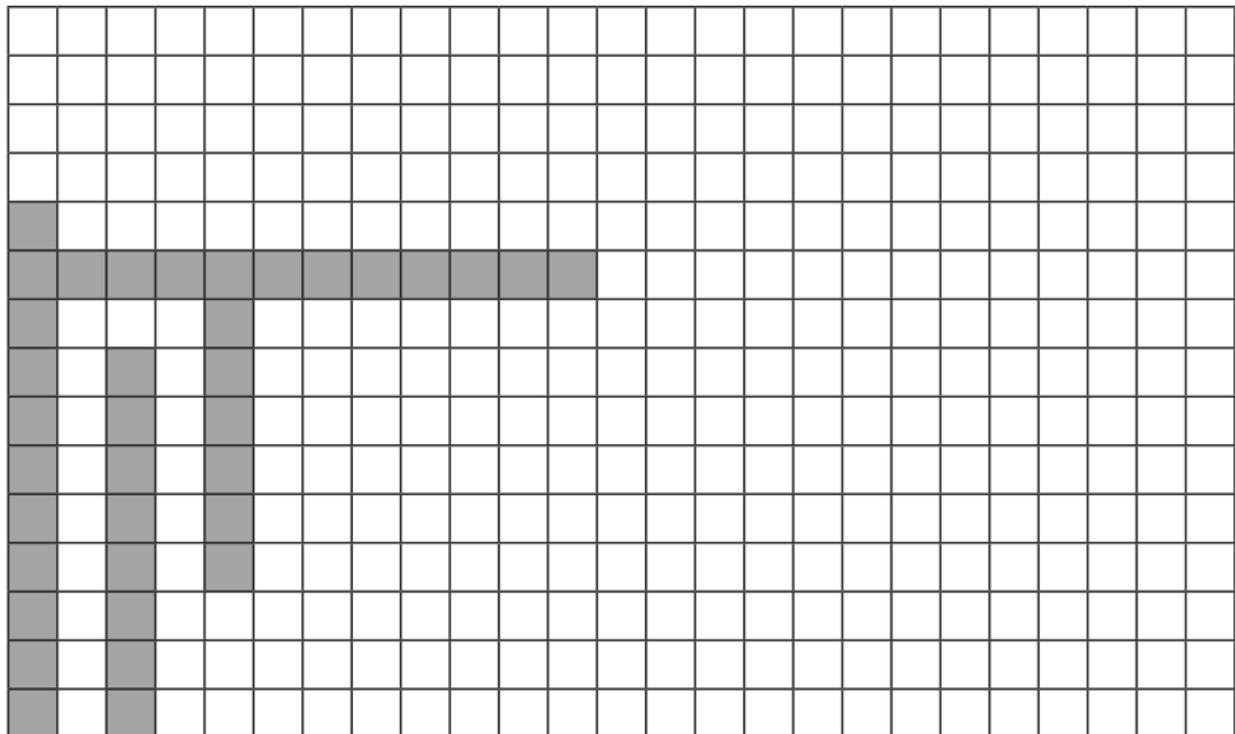
- Forward
- Backwards
- Turn left
- Turn right

Write down the instructions you are going to give to your robot so he can get to his desk.

					
Start					



Colour in the grid below to create a maze and then write the instructions to help the robot to leave the maze.



KS2 Topic / Humanities**2A History – Stone Age to Celts**

- 1) Read 'The Mesolithic' (Pages 12 & 13), in the Study Book.

This explains how this was the last period before the glacial period where people still used stone tools to hunt. It also explains what the places were like where these people lived and how the Mesolithic people were remarkably like us.

- 2) Answer the questions on pages 12 & 13 in the Stone Age to Celts Activity Book.

These questions link to what you read in the Study Book. All the questions will link to it. Make sure your answers are written in full sentences that answer the question.

2B KS2 History – Vikings

- 1) Read 'Viking Visits' (Pages 12 & 13), in the Study Book.

This explains about the Vikings' first trip to England and their planned raid to Lindisfarne. Monks were believed to have predicted the arrival of Vikings! These pages explain how Vikings continued to raid monasteries throughout Britain.

- 2) Answer the questions on Pages 12 & 13 in the Vikings Activity Book.

These questions link to what you read in the Study Book. All the questions will link to it. Make sure your answers are written in full sentences that answer the question.

All KS2 Geography – Living Things

- 1) Read Section Two: The Blue Planet – Oceans and the Climate (Pages 12 & 13), in the Study Book.

This explains about tiny plants that live in the ocean that takes in the carbon dioxide. These pages also explain how oceans 'soak up' heat from the sun and transport this around the world.

- 2) Answer the questions on Pages 12 & 13 in the Living Things Activity Book.

These questions link to what you read in the Study Book. All the questions will link to it. Make sure your answers are written in full sentences that answer the question.

KS2 PSHCE**Showing You Care**

- 1) Watch the PowerPoint: 'Showing You Care Lesson Presentation'.
- 2) Complete the worksheet about ways to show we care.

KS2 RE**Hindu Pilgrimages**

This task helps develop your understanding the role of pilgrimage in Hinduism.

There is a PowerPoint linked to these activities. There are two activities for you to complete depending on what you have available at home.

The first activity needs you to print out the activity – these places you are marking on the map are linked to the pilgrimages. Once you have completed that - and if you do not have a printer, find out what each pilgrimage is and write a sentence or small piece of information about each. If you do not have an atlas at home, then you could use google maps on a phone, tablet, or laptop.

The second task requires you to draw or print the Venn diagram and sort the keywords that have been given to you between tourism and pilgrimages.

KS2 Creative Art

Viking Shield

This Viking shield template should help you prepare for the task I will be setting next week.

Search 'Viking patterns' on a phone, tablet or laptop and go to 'Images'.

Once you have found some Viking patterns and designs you like, I want you to put these designs onto the shield.

Make sure they flow and are not random to make a smart Viking shield.

KS2 PE

Day 1

Go for a 45-minute walk

Make sure to wear suitable shoes and clothing if it is cold outside and you are walking over different terrains.

Stair Climbs

- Can you beat Mr. Nicholas' 8 X 12stairs in one minute?



Using stairs at home, or anywhere local, see how many times you can run up the stairs. This should work your cardiovascular fitness (Heart and Lungs) as well as testing muscles in your legs (Quadriceps, Hamstrings and Gastrocnemius (Calf).

Safety! Walk down the stairs once you have run up, holding a hand rail if you need to. Run with your hands in front of you which should stop you if you fall,

How many Tricep Dips can you do in a row?

- Can you beat Mr. Dennis' score of 33?



Using a chair, table or step, place your hands out flat behind you and hold your body weight above your chair, table or step. With only your arms working, lower your body towards the floor flexing

Day 2

Complete as many Sit-ups as possible

Can you beat Mr. Nicholas' score of 32?



Lie on the ground with your shoulders in-line with your knees. Raise your legs up so that your knees are the highest part of your body and the soles of your feet are on the ground. With your hands on your head, see how many times you can sit up using your core muscles (Abdominals).

Shuttle runs

Pick a landmark on your road, whether it be two bins or two lamp-posts, and see how many runs there and back you can do before you stop.

Remember! Focus on your breathing – this will make it easier in the long run!

Tricep Extenders

Grab two weight or fill two carrier bags with tins of food so that the weight is challenging. Starting with your arms holding the weight above your head with extended (straight) arms, slowly flex (bend) your arms so the weight is around your shoulder area. Then extend your arms out straight and repeat again.



Do this exercise for 10 reps, in three sets (groups of reps).

Day 3

Go for a 15-minute jog

Make sure you are wearing appropriate trainers and you make someone aware of where you are going. Try and run at a steady pace for 3 or more minutes, the walk for 2 minutes to recover. Try and stretch out your running phases and shorten your walking phases as your run goes on.

Mountain Climbers

- Can you beat Mr. Dennis's core of 41 mountain climbers?

Set yourself up in the press-up position (pose a). Bring your right knee up towards your chest and then kick back into the press-position. Whilst you are doing this, pull up the opposite leg so that it is almost like you are running laying down.



PHOTOGRAPH BY BETH BISCHOFF

How many Squats can you do in one minute?

- Can you beat Mr. Nicholas' score of 50 Squats?

Stand up straight feet should width apart, lower body until knees are flexed (bent) keeping your back as straight as possible, then push up from your legs so you are back to your starting position and your legs are extended.



Ways to Show We Care

It is important to show the special people in our lives that we care about them. It can help them to feel happy and good inside. It can also help us to build stronger relationships with them.

In each box, draw a special person who is in your life, then write how you could show them that you care.



The Special Person in My Life	How I Could Show Them I Care
	<hr/> <hr/> <hr/>

Hindu Pilgrimages Map

I can explain the role of pilgrimage in Hinduism.



Find the location of the following Hindu pilgrimages in an atlas and mark it on your map:

- Allahabad (where the Kumbh Mela takes place)
- Varanasi
- Mount Kalaish
- Ganges River



Decorate the shield with Viking runes.

