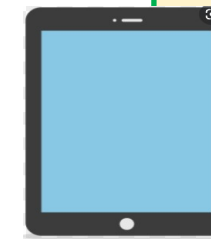


# Year 2 Knowledge Map Advent 2

How many of these definitions can you learn?



**Science**  
Living things and their habitats



## Computing

Learn these key words and meanings.

**Information technology:** computers and software that use and share information.

**Software:** programs used by a computer.

## D.T—Mechanisms

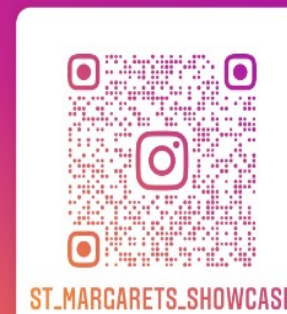
We will be using levers and sliders in moving pictures.

Please learn some of these key words.

Key word	Meaning
Mechanism	Parts of a type of machine.
Lever	A rod that is fixed.
Slider	A mechanism moving smoothly over a surface.

## Instagram

Don't forget to follow us on our Instagram page so that you can see all of the lovely work we produce!



## Dates

Thursday 9th December – Fantastic Finish 3pm  
 Tuesday 14th December – Christmas Crafts 8.30-9.30  
 Thursday 16th December – Christmas Movie Night  
 Friday 17th December – Christmas carols on the playground 3pm

## Sticky Knowledge about habitats

- A habitat is a place that an animal lives. It provides the animal with food, water and shelter.
- There are many different sorts of habitats around the world from forests to grasslands and from mountain slopes to deserts.
- Animals like cockroaches are really important in a habitat - they eat the dead plants and recycle the nutrients back into the soil.
- People are causing harm to many habitats. Forests are being burnt down, lakes and rivers polluted and the polar ice caps are melting.
- Because resources like water and food may be limited, plant and animal species often compete with each other for food and water.
- Because the Earth is always changing, habitats are constantly changing.

## Subject Specific Vocabulary

dinosaur	Dinosaurs were the main animals on Earth for more than 150 million years. They were lizard-like reptiles.
indigenous	Produced, growing, living, or occurring naturally in a particular region or environment.
rivers	A river is a flowing, moving stream of water. Usually a river feeds water into an ocean, lake, pond, or even another river.
woodland	Woodland is a low-density forest with plenty of sunlight and limited shade.
ponds	A pond is a body of water smaller than a lake. Ponds support a very wide range of wildlife.
sea	A sea is part of the ocean partially enclosed by land. Seas are found on the margins of the ocean and are partially enclosed by land.
rainforest	Tropical rainforests are forests with tall trees, warm climates, and lots of rain.
desert	A desert is any large region that gets very little rain each year. Very few plants or animals live in desert areas.
species	A group of animals, plants or other living things that all share common characteristics and that are all classified as alike in some manner.
microhabitats	Microhabitats are the small-scale physical requirements of a particular organism or a community of organisms.

In P.E we are learning

Gymnastics and Athletics.

Year 2 P.E days are on a Monday and

Tuesday each week.

Please wear a warm P.E kit to school on these days.

## PSHE

What does it mean to be a good friend?

How have you been a good friend today?

Dear Jesus,  
 Please show me how to spend this day  
 Sharing your LOVE in every way  
 Help me to be kind to everyone  
 To play and laugh and have lots of fun  
 Shining your light and giving your grace  
 Sharing your JOY with a smile on my face!



# Maths

Can you learn the 2, 5 and 10 times tables? Try to say them in and out of sequence.

2	5	10
$1 \times 2 = 2$	$1 \times 5 = 5$	$0 \times 10 = 0$
$2 \times 2 = 4$	$2 \times 5 = 10$	$1 \times 10 = 10$
$3 \times 2 = 6$	$3 \times 5 = 15$	$2 \times 10 = 20$
$4 \times 2 = 8$	$4 \times 5 = 20$	$3 \times 10 = 30$
$5 \times 2 = 10$	$5 \times 5 = 25$	$4 \times 10 = 40$
$6 \times 2 = 12$	$6 \times 5 = 30$	$5 \times 10 = 50$
$7 \times 2 = 14$	$7 \times 5 = 35$	$6 \times 10 = 60$
$8 \times 2 = 16$	$8 \times 5 = 40$	$7 \times 10 = 70$
$9 \times 2 = 18$	$9 \times 5 = 45$	$8 \times 10 = 80$
$10 \times 2 = 20$	$10 \times 5 = 50$	$9 \times 10 = 90$
$11 \times 2 = 22$	$11 \times 5 = 55$	$10 \times 10 = 100$
$12 \times 2 = 24$	$12 \times 5 = 60$	$11 \times 10 = 110$
		$12 \times 10 = 120$

Number bonds are pairs of numbers that make up a given number.

Can you learn the number bonds to 20?

20	20	20	20	20
1 19	2 18	3 17	4 16	5 15
20	20	20	20	20
6 14	7 13	8 12	9 11	10 10

## History—the lives of significant individuals

Learn some facts about the lives of these people.



**Neil Armstrong** was an American astronaut. He was the first person to land on the moon. This happened in 1969.



**Florence Nightingale** (1854) was a nurse who saved the lives of many soldiers in the war.



**Mary Seacole** (1855) was a nurse who helped many soldiers during the war. She faced prejudices for the colour of her skin.



**Walt Disney** was a television producer who created characters such as Mickey Mouse.



**Nelson Mandela** fought racial prejudice, seeking equal rights for black people.



**Captain Tom Moore** was a British army officer and fundraiser who raised money for charity.

## Spelling

Practise reading and spelling these words at home. See how many you can learn off by heart!

go  
so  
by  
my  
here  
there  
where  
love  
come  
some  
one  
once

### Speed Sounds Set 2

ay may I play?	ee what can you see?	igh fly high	ow blow the snow	oo poo at the zoo
oo look at a book	ar start the car	or shut the door	air that's not fair	ir what and where!
			ou shout it out	oy toy for a boy

### Speed Sounds Set 3

ea cup of tea	oi spoil the boy			
a-e make a cake	i-e hide inside	o-e phone home	u-e huge truck	aw yawn at dawn
are care and share	ur nurse with a purse	er a better letter	ow brown cow	ai snail in the rain
oa chew the straw	ew flew, few	ire fire, fair	ear hear with your ear	ure sure it's pure

## Phonics and Reading

Each day, your child will have a sticky label on their top with the sound they have learned that day at school. Please challenge your child to read this sound as much as possible.

Please remember to read every night to receive a raffle ticket at school!