

Year 3 Knowledge Map—Advent 1

P.E. is on Tuesday and Thursday, please wear a warm P.E. kit to school.

Maths

Think 10

$$\begin{array}{r} 36 + 27 \\ \underline{} \\ = 40 \quad 4 \quad 23 \\ 36 + 4 = 40 \\ 40 + 23 = 63 \end{array}$$

Rebalancing

$$\begin{array}{r} 19 + 8 = 20 + 7 \\ 20 + 7 = 27 \\ \text{so} \\ 19 + 8 = 27 \end{array}$$

Near doubles

$$24 + 25 = 49$$

Double 20 = 40

Double 4 = 8

$$48 + 1 = 49$$

Column

T	O
30	5
10	6
40	11

$$40 + 11 = 51$$

Practise using these strategies at home to help you when you are adding and subtracting.

Think 10

$$\begin{array}{r} 35 - 8 \\ \underline{} \\ 5 \quad 3 \end{array}$$

$$35 - 5 = 30$$

$$30 - 3 = 27$$

Rebalancing

$$\begin{array}{r} 21 - 15 = 20 - 14 \\ 20 - 14 = 6 \\ \text{so} \\ 21 - 15 = 6 \end{array}$$

Complements to 20

$$14 + \underline{\quad} = 20$$

$$10 + \underline{\quad} = 20$$

$$3 + \underline{\quad} = 20$$

$$\underline{\quad} + 15 = 20$$

$$\underline{\quad} + 12 = 20$$

$$7 + \underline{\quad} = 20$$

Complements to 100

$$40 + \underline{\quad} = 100$$

$$10 + \underline{\quad} = 100$$

$$30 + \underline{\quad} = 100$$

$$\underline{\quad} + 50 = 100$$

$$\underline{\quad} + 20 = 100$$

$$70 + \underline{\quad} = 100$$

Complements to 60

$$40 + \underline{\quad} = 60$$

$$10 + \underline{\quad} = 60$$

$$30 + \underline{\quad} = 60$$

$$\underline{\quad} + 45 = 60$$

$$\underline{\quad} + 25 = 60$$

$$55 + \underline{\quad} = 60$$



Reading Vipers

Vocabulary
Infer
Predict
Explain
Retrieve
Sequence or Summarise



How many books can you read at home?

Try and read a variety of fiction and non-fiction books.

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

door	gold	plant	clothes
floor	hold	path	busy
poor	told	bath	people
because	every	hour	water
find	great	move	again
kind	break	prove	half
mind	steak	improve	money
behind	pretty	sure	Mr
child	beautiful	sugar	Mrs
children	after	eye	parents
wild	fast	could	Christmas
climb	last	should	everybody
most	past	would	even
only	father	who	
both	class	whole	
old	grass	any	
cold	pass	many	

School Prayer

Dear God,

Thank you for looking after our school.
 Thank you that you love each and everyone of us here.

Help us to learn, play and share together,
 So that the wonderful world you have made
 Becomes more beautiful everyday.

Amen.



Plants

Subject Specific Vocabulary	
roots	It is the part of a plant that is usually hidden under the ground. They make the plant stable and give it nutrients.
deciduous	Deciduous trees are trees that shed their leaves in the Autumn and grow new leaves in the spring.
evergreen	Evergreen trees are the same as coniferous trees. They do not lose their leaves in Autumn.
bulb	Bulbs are underground masses of food storage from which plants grow.
stem	The stem is the main part of the plant. It supports the weight of the leaves, as well as the flowers or fruit.
trunk	A tree's trunk holds up its crown, protects its inner parts and works like a pipeline, transporting essential materials to the different parts of the tree.
blossom	Is the mass of flowers created by a tree. Almost all fruit bearing trees have blossom. The blossom is usually at its best in the spring.
oxygen	Oxygen is used by animals and plants in the respiration (breathing) process.

Science

How many of these definitions can you learn?



Animals including Humans

Subject Specific Vocabulary	
healthy	Keeping healthy means doing things that are good for your body – things like eating nutritious foods, exercising, brushing your teeth and getting enough sleep
off-spring	You can refer to a person's children or an animal's young as their off-spring.
exercise	Means to keep your body healthy by running, walking and playing. You will need to feel out of breath if you have exercised properly.
diet	Eating a balanced diet means choosing foods in the right amounts from each of the food groups.

Sticky Knowledge about healthy living

- Keeping healthy means caring for your body so you have enough energy to learn, play and grow.
- All foods contain nutrients which your body needs to stay active throughout the day. Some foods have more nutrients than others.
- Everyone should have their '5 a day' – this means five portions of fruit and vegetables, to get the right amount of nutrients.
- It's important not to eat too much sugar and salt: sugary foods are bad for your teeth and can be fattening, and salty foods can lead to heart disease.
- Keep your mouth happy by brushing and flossing to have healthy teeth and gums.

Sticky Knowledge about trees

- Trees and shrubs take in water and carbon dioxide and give out oxygen
- Trees can live for a very long time. The oldest known tree is over 5000 years old.
- A single tree has many roots. The roots carry food and water from the ground through the trunk and branches to the leaves of the tree.
- The trunk is the main body of the tree. The trunk is covered with bark which protects it from damage.
- The leaves can be of many different shapes. They take in sunlight and use water and food from the roots to make the tree grow, and to reproduce.
- As a tree grows, it usually produces growth rings as new wood is laid down around the old wood.

Common trees found in the UK



oak



Horse chestnut



conifer



willow

Art- Georgia O'Keefe

She was born in 1887.

She was an American artist

She wanted to be an artist since she was 12 years old.

Her favourite place to paint was in her car.

She was famous for painting flowers, landscapes and bones.

The Navajo culture inspired her art work and she began painting bones.

