

Year 3 Knowledge Map—Advent 1

P.E. is on Wednesday and Thursday. We will have P.E lessons outside during the winter so please wear a warm P.E. kit to school and trainers in case it is wet.



Remember to read daily at home so you can earn a raffle ticket in class to be in with a chance of winning a prize.

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

Reading Vipers

- Vocabulary
- Infer
- Predict
- Explain
- Retrieve
- Sequence or Summarise



Maths

Compensation

Adding 9 is like adding 10 and taking away 1.

$$147 + 9 = 147 + 10 - 1 = 157 - 1 = 156$$

Adding 90 is like adding 100 and taking away 10.

$$147 + 90 = 147 + 100 - 10 = 247 - 10 = 237$$

Think 10

$$36 + 27 = 40 + 23 = 63$$

Rebalancing

$$19 + 8 = 20 + 7 = 27$$

Near doubles

$$24 + 25 = 49$$

Double 20 = 40

$$48 + 1 = 49$$

Column

T	O
30	5
10	6
40	11
40	11
40	11

$40 + 11 = 51$

How many of these strategies can you use when you are adding or subtracting? Do you have a favourite strategy?

Think 10

$$35 - 8 = 35 - 5 - 3 = 30 - 3 = 27$$

Rebalancing

$$21 - 15 = 20 - 14 = 6$$

How many of these words do you know how to spell?

accident	century	experiment	interest	particular	remember
accidentally	certain	extreme	island	peculiar	sentence
actual	circle	famous	knowledge	perhaps	separate
actually	complete	favourite	learn	popular	special
address	consider	February	length	position	straight
answer	continue	forward(s)	library	possess	strange
appear	decide	fruit	material	possession	strength
arrive	describe	grammar	medicine	possible	suppose
believe	different	group	mention	potatoes	surprise
bicycle	difficult	guard	minute	pressure	therefore
breath	disappear	guide	natural	probably	though
breathe	early	heard	naughty	promise	(although)
build	earth	heart	notice	purpose	thought
busy	eight	height	occasion	quarter	through
business	eighth	history	occasionally	question	various
calendar	enough	imagine	often	recent	weight
caught	exercise	increase	opposite	regular	woman
centre	experience	important	ordinary	reign	women

Word Wager

Give each player 12 tokens (use anything at home) Choose a word from the Year 3/4 spelling list.

If your child thinks they can spell the word correctly they can bet up to 4 tokens. If they are unsure they can bet 1 token.

Child attempt to spell the word on a piece of paper.

If they spell it correctly they get back their tokens and get that many points. If they get it wrong they lose the tokens they bet. The winner is the first person to get 20 points.

Practise your 3 and 4 times tables at home.

1x3 = 3	6x3 = 18	11x3 = 33	1x4 = 4	6x4 = 24	11x4 = 44
2x3 = 6	7x3 = 21	12x3 = 36	2x4 = 8	7x4 = 28	12x4 = 48
3x3 = 9	8x3 = 24		3x4 = 12	8x4 = 32	
4x3 = 12	9x3 = 27		4x4 = 16	9x4 = 36	
5x3 = 15	10x3 = 30		5x4 = 20	10x4 = 40	



Science

nutrition	Nutrition involves drinking enough water and eating the right amount of items from the four main food groups.
skeleton	The human skeleton is made of bone and grows as we grow. Our skull protects our brain and our ribs protect our heart and lungs.
muscles	Muscles are attached to bones by tendons and help them move. When a muscle contracts it gets shorter and pulls on the bone it is attached to.
diet	Our bodies need a balanced diet to work properly. This involves drinking enough water and eating healthily.
joint	Joints allow the body to make movements. The body has many bones and are connected through the joints.
pelvis	The pelvis is a bony cradle shaped structure at the base of the spine.
rib cage	It is made up of curved bones. The rib cage is found in the chest area. It protects a person's internal organs from damage.
spine	Also known as your backbone. Your spine is a strong, flexible column of ring-like bones that runs from your skull to your pelvis.

Sticky knowledge

The spine is made up of 33 bones.

The smallest bone is found in our ear.

When we are born we have 300 bones in our body but by the time we are adults we have 206 because some bones have fused together.

When broken our bones will repair themselves.

The longest bone in the human body is the thigh bone called the femur.



Can you label any bones in the skeleton using these key words?

- Skull
- Rib cage
- Spine
- Pelvis

Follow these QR codes to find out how about our skeleton and muscles.



Music

Let Your Spirit Fly by Joanna Mangona

Just close your eyes and think about a world that's wrong
Without a sound, without a song
Then move your hands and feet and let your spirit fly,
With music you can reach the sky



We raise our voices to sing
Listen, hear the beauty they bring!
Singing and playing all together having fun,
There's a place for everyone.

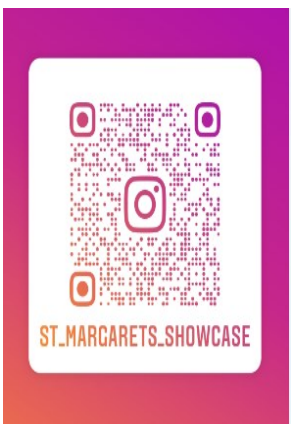
Ooh--- ahh---, ooh--- ahh---

We raise our voices to sing
Listen, hear the beauty they bring!
Singing and playing all together having fun,
There's a place for everyone.

In music this half term we will be learning the song Let Your Spirit Fly by Joanne Mangona. Listen and sing along.

Instagram

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



Key Vocabulary

archaeologists	People who work out our history by looking at artefacts that have been found.
artefact	An object made by human beings, usually with historical or cultural interest.
Neolithic	Is the later part of the stone age and follows the Palaeolithic and Mesolithic age.
B.C.	Before Christ. A date like 250BC means 250 years
chronology	The ordering of events, for example the stone, bronze and iron age.
tribal	Groups of people who live together.
shelter	A house where stone age people would have lived.
settlement	A place where there were several stone age shelters, like a small village.
hunter-gatherers	People who mainly live by hunting, fishing and gathering wild fruit.
civilization	A group that lived during a period of time long ago.
Prey	An animal that is hunted for its food.

Stone Age



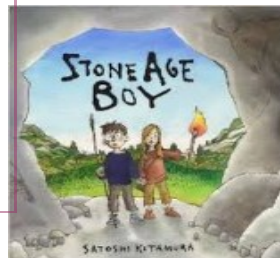
Sticky Knowledge about the Stone-age period

- ❑ The stone-age was followed by the bronze-age period. This is when humans started to use metal.
- ❑ During the Palaeolithic Age (old stone age), man gathered food by hunting wild animals and birds, fishing, and collecting fruits and nuts.
- ❑ The stone-age period is said to have started around 3 million year ago when humans started to live in Europe.
- ❑ The bronze-age was followed by the iron-age when tools and weapons became more advanced and were used for farming.
- ❑ During the Neolithic Age (towards end of the stone-age), the humans formed settled communities, and domesticated

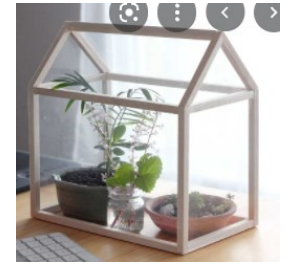
Scan here to find out about more about the Stone Age.

Important places

- Skara Brae**
Is an archaeological site found on the Orkney Islands in Scotland. It is a stone age village that has been well preserved.
- Stonehenge**
Is a famous stone age



D.I.



greenhouse	A greenhouse is a building with glass walls and a glass roof. Greenhouses are used to grow plants, such as tomatoes and tropical flowers. A greenhouse stays warm inside, even during the winter.
stable	A structure that is stable is fixed, firm, or steady in position. It is not shaky or easily moved.
structure	Something that is built. It has many parts that have been joined together.

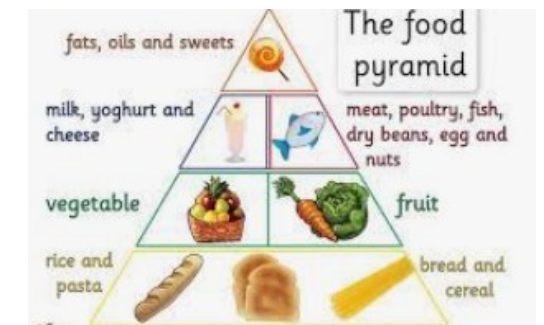
PSHE



As a family keep a food diary for a week. How many foods do you eat from each food group?

Do you have a healthy, balanced diet?

Could you make it healthier?



Dates

- Thursday 9th December- Fantastic Finish, 3pm
- Tuesday 14th December- Pantomime trip
- Wednesday 15th December- Christmas Crafts, 2pm
- Thursday 16th December- Christmas Movie Night
- Friday 17th December- Carols on the playground

Stone Age

Bronze Age

Iron Age

Palaeolithic

Mesolithic

Neolithic

700,000 BC

10,000 BC

4500 BC

2300 BC

700 BC

AD 43