

Weekly Learning for Year 4

30th March – Weekly Learning

One week project: National Trees

Spelling

If you are yet to complete the two 'ly' suffix Spelling Shed assignments from last week, please log into your accounts to access these.

This week, please learn the following challenge words:

group, height, particular, potatoes, separate, surprise, though, through, various, woman

Please practise these spellings using your Spelling Shed accounts.

WE WOULD LIKE TO TRY AND HOLD A CHALLENGE WORD **HIVE GAME** WITH YOU AT **11AM ON WEDNESDAY 1st APRIL**. PLEASE SEE THE STEPS BELOW TO LEARN HOW TO DO THIS:

- 1) Log into your Spelling Shed accounts on Wednesday 1st April just before 11am
- 2) Click the menu button in the top left hand corner of your screen (it looks like 3 lines)
- 3) Click 'join hive game'
- 4) Head over to your Twiducate blog to receive the code needed to join the hive game – Miss Ali and Miss Tobie will post the code at the top of the blog
- 5) Copy and paste the code into the hive game
- 6) Make sure that your sound is turned on while you wait for other players to join the game
- 7) Play the hive game and battle against your friends

See you there at 11am on Wednesday!

Reading

This week, we would like you to focus on the skill of inference (reaching a conclusion about something from the information given in the text).

Please scroll down to activity 1 to find the inference challenge cards.

Writing

We would like you to start writing a journal or diary entry this week. You don't have to share these with us – they are just for you.

Please remember to:

- Write in the past tense
- Write in the 1st person e.g. I, me, my
- Use conjunctions e.g. since, after, however
- Include emotions and feelings



Maths

In maths this week, we will be working on data handling.

Please create a table like the one below for some data of your choice. It could be the types of flowers in your garden, your family's favourite crisp flavour, the type of coins that you have in your piggy bank...

Coin	Tally	Frequency
1p		7
2p		0
5p		5
10p		14
20p		4
50p		10
£1		9
£2		2

Now, collate your data in a bar chart, remembering to draw equal sized bars with equal gaps in between each of them.

Think about the scale for your y axis – is it best to go up in 2,5,10,15,50,100? What if one of your frequencies isn't on the y axis?

If you need support with this, use the link below:
<https://www.youtube.com/watch?v=7mKzTBYufaQ>

If you don't have any squared paper at home, you could print some out from the internet or create an online bar chart using sites like
<https://nces.ed.gov/nceskids/graphing/Classic/bar.asp>

PE

It is so important to stay fit and healthy, especially during this time. Please put aside some time to exercise every day this week. Linked below are some great ways to stay healthy but a good, old-fashioned run outside is great too!

Joe Wicks is holding daily PE lessons over on his YouTube channel:

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

Cosmic Kids Yoga has lots of different videos that you can follow:

https://www.youtube.com/channel/UC5uIZ2KOZZeQDOo_Gsi_qbQ

PSHE – Mindfulness

Take a glass jar and fill it almost all the way with water. Next, add a spoonful of glitter, beads or sequins. Put the lid back on the jar and shake it to make the objects inside swirl.

Imagine that the objects are like your thoughts when you're stressed, mad or upset. See how they whirl around and make it really hard to see clearly. That's why it's so easy to make poor choices when you're upset – because you're not thinking clearly. Don't worry, this is normal and it happens to all of us.

What helps the objects to settle back down? What should you do when you're in the amber or red zone? Who could you speak to when feeling like this?

Extra ideas for this week

Read for 20 minutes every day, recording the names of the book with the number of pages read in your link book. Remember to use your bookmarks to support your understanding of the text.

If you want to complete additional learning, please scroll down to activity 2 and 3. You can also utilise accounts such as TTRockstars and IXL to support your learning.

Feel free to share learning with us via email (samtobie@lhaines.herts.sch.uk or mah-noorali@lhaines.hertssch.uk)

Project – Trees

Trees produce the air that we breath. But, did you know that many countries have their own national trees?

Can you find out the national trees of England, Ireland, Scotland and Wales? Research why they are our national trees.

If you could invent a tree for Watford, what would it be? Draw a detailed picture of it, labelling its features before explaining what makes this tree special.



Eco

This Saturday, at 8:30pm, it is Earth Hour! Please check out how you can take part in this important event by clicking the following link:

<https://www.earthhour.org/take-part>

Computing

For your computing lesson this week, please practise your understanding of algorithms. Set up a track in your house.



Blindfold a family member and use algorithms to guide them around the course – remember that algorithms are just a set of instructions. Whose algorithms were the most effective and why?

If you have a phone or tablet at home, why not download Scratch Jr – it's free! Can you create your own game using algorithms?

Activities to complete:

Activity 1

The Race

It was the final lap of the race. The sixty-sixth lap of hair-raising, one hundred miles per hour madness. John was all set for the victory. Around the final bend he came, then bang...

Everything stopped. John could see the flashes of red, green and blue flying past and on to the finish line. He placed his head in his hands and sighed.

How is John feeling at the end of this story?
Why would he be feeling that way?

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The Trip

I can't believe I'm actually here. The towns below look so small and I can see for miles in every direction. The engine is whirring and there's a man in the aisle next to me eating crisps. "Don't be afraid. It's natural to be a bit nervous." Mum said before we got on board. I'm definitely not nervous now. It's brilliant!

Who is speaking?
Where are they?
How were they feeling before getting on board?

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My Favourite Subject

I love science because we do great experiments, like launching parachutes and making electrical circuits. When I get home I'm going to have another go at making a space rocket powered by balloons. I hate running out of time in experiments, but if I have tea early, it should be ok.

Has the child run out of time in experiments before?
Is the child worried about something?

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Hiding Place

"10-9-8-7..."
Chelsea dived in. The material was all soft and warm but she could tell that she was very easy to spot. "I know," she said to herself, and climbed out of the bed to hide underneath it.

What game is Chelsea playing?
Describe Chelsea's first hiding place.

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Activity 1 continued

Fireworks

Whistle, bang, clap, whizz!
The fireworks flew up into the cold November sky. Zainab was standing at the lounge window watching in amazement, when Robbie, her pet dog, came dashing past. "Oh no!" Zainab exclaimed and ran after Robbie to see if he was ok.

What is wrong with Robbie?
How do we know something is wrong?

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It's not Fair

"But I didn't even do anything." Alex muttered as he stomped up the stairs.
Alex got the blame for lots of things because he was the oldest and should know better. There was food all over the dining room and as he walked up the stairs, his younger brothers ran into the lounge to watch television.

Why do you think Alex is upset?
How do you know this?

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Haunted

Everyone at school was talking about it. They were convinced that there was something in there, something...awful.
I didn't believe them and I was going to prove them all wrong, there had not been anyone living there for years. I knocked on the door. Three loud knocks.
My heart froze at what happened next...

Where is the child in the story?
What do you think happened next?

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The Exam

It was the day after my maths test and we were just sitting down at the table in my favourite restaurant, The Royal Dragon.
"Choose whatever you like Danny," Dad said, "You deserve it."

Why do you think Danny has gone out for a meal?

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Activity 2

Section 1

Round these numbers to the nearest 100:

930 rounds to

290 rounds to

720 rounds to

Section 2

Start at 0.

Count back 4.

What number do you reach?

Section 3

Kim's bottle of medicine holds 135ml. she takes two 10ml doses. How much medicine is left?



Section 4

Write these numbers as Roman numerals:

26

11

30

Section 5

Find a pair of numbers with a sum of 18 and a difference of two.

Section 6

Kumar has three shelves of books. There are 49 books on each shelf. How many books does he have altogether?



Section 7

Calculate:

$$3 \times 6 \times 10 = \boxed{} \times 10$$
$$= \boxed{}$$

Section 8

Estimate the answer by rounding, then solve the calculation.

$$78 + 24 =$$

Estimation

Actual

Activity 3

Stone Age Stew

10 A hearty and warming Stone Age stew is a welcome
19 luxury after a long day of hunting and gathering.

29 First, you will need to prepare the stock. For a
37 flavoursome and rich-tasting stock, you must use
46 the finest and freshest herbs so scavenge the woods
54 for juniper berries, nettle leaves, sunflower seeds and
65 hazelnuts. Add them to water in a large stone pot and
76 drop in some red-hot stones to heat the mixture. Why
85 not include some mammoth blood to give the stock
89 a deep, earthy flavour?

96 Next, roast today's catch over the fire
103 on a spit. When blackened, chop it
111 into small pieces and add it into your
118 stock. Keep stirring so that your stew
124 does not congeal. Serve piping hot
133 with a fresh lump of bone on the side.



Quick Questions



1. What do you think the word 'congeal' means in this text?



2. Which creature's blood would give this stock a deep, earthy flavour?



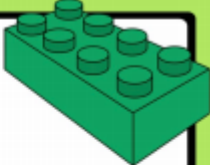

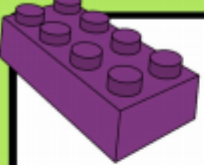
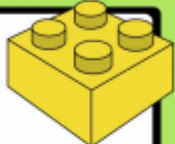

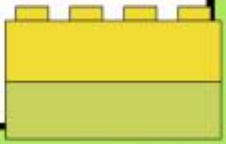
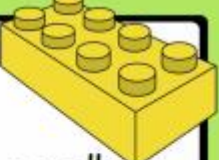
3. How does the author make this stew sound appealing?



4. How does this stew compare to food we eat today?

Activity 4:

Complete the Lego challenges below:

 <p>Build something that flies.</p> 	  <p>Make something that is symmetrical – the same on both sides.</p> 
<p>Build a LEGO pyramid.</p> 	 <p>Make a boat that really floats in water.</p> 