

Year 5 & 6 Homework Week 11

Homework is due in on Thursday 26th November please complete in your red books and hand in on time.

Words of the week: Flourish and Restrain

For the words above, find out the definition and create your own sentences.

Spelling tests will be done on Friday so please learn the spellings below. Write the definition for and create a sentence for each word below. Just an extra challenge for those who would like to, can you add brackets into your sentence?

adorable
adorably
adoration
applicable
applicably
application

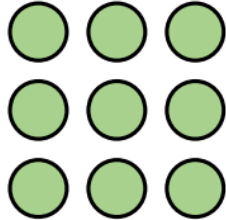
considerable
considerably
consideration
tolerable
tolerably
toleration

In maths this week, we have been learning about square and cube numbers, and consolidating their knowledge on the four operations.

Year 5 maths:

What does this array show you?

Why is this array square?



How many ways are there of arranging 36 counters in an array?

What is the same about each array?

What is different?

Find the first 12 square numbers.

Show why they are square numbers.

How many different squares can you make using counters?

What do you notice?

Are there any patterns?

Year 6 maths: Year 6 Reason from known facts

Complete.

$$70 \div \underline{\quad} = 7 \quad 3.5 \times 10 = \underline{\quad}$$

$$70 \div \underline{\quad} = 3.5 \quad \underline{\quad} = 3.5 \times 20$$

$$70 \div \underline{\quad} = 14 \quad \underline{\quad} = 3.5 \times 2$$

Make a similar set of calculations using $90 \div 2 = 45$

$$5,138 \div 14 = 367$$

Use this to calculate 15×367

$$14 \times 8 = 112$$

Use this to calculate:

- 1.4×8
- 9×14

Challenge: Can you create your own number story

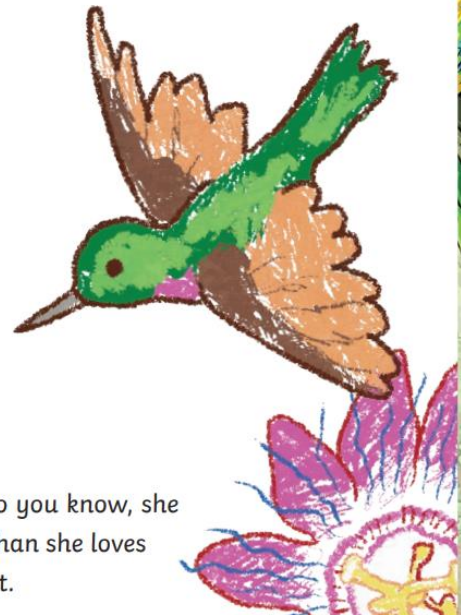
Reading Task

Rainforest Calling

9:50 a.m.

I wonder if the person who gave the rainforest its name had ever actually been there. Surely, if they had, they'd have called it the 'plant forest' instead. Mrs Curtis, my teacher, told us that more than two thirds of the world's plant species live in rainforest environments. That's more than 80,000 different plants!

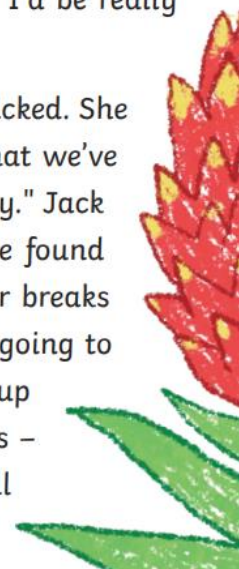
There's no way that I'm telling my Grandma Wilkins that! She'd be on the first plane to Brazil with her lucky gardening gloves because she really loves plants. Do you know, she once told me that she might love plants even more than she loves my mum! Don't worry, I haven't told my mum that.



That's one of the reasons why I volunteered for this project – so that I could tell my grandma about all the plants. Mrs Curtis wanted one of us to spend a whole week looking at some webcams in the Amazonian rainforest.

I put my hand straight up. My best friend, Millie, said that the last time she'd seen anything move as fast as my arm was when someone told her daft brother that the bank was giving away free money. Who wouldn't volunteer to spend the whole week looking at the Amazon? I think that I'd be really good at spotting all the different plants and animals.

As soon as Mrs Curtis looked at me, I knew that I hadn't been picked. She had the same expression on her face that she uses to tell us that we've got a maths question wrong as she said, "Maybe next time, Daisy." Jack Walters got picked instead, but he changed his mind when he found out that we're only allowed to look at the webcams during our breaks and at lunchtime. He said that there was no way that he was going to miss playing football in the playground. So Mrs Curtis ended up choosing me anyway! I don't mind having to do normal lessons – I got nine out of ten on my spellings last week. Still can't spell rhinnosoraus, though.



Mrs Curtis said that I have to write a journal entry to tell the rest of the class what I've seen on the webcams. I haven't written a journal before. The only things I write at home are lists of my favourite songs and the things I want for Christmas, but Mrs Curtis said not to worry and to just write as I like to speak. I think that should make it easier!

Questions

1. What does Daisy suggest the rainforest should be called?

2. According to the text, what portion of the world's plant species live in the rainforest?

- 80,000 about half
 more than two thirds 1 in 10

3. Which of these words or phrases shows that Daisy offered to give up her time willingly?

- picked wanted
 volunteered allowed

4. Match these character names to the correct descriptions.

Mrs Wilkins	Daisy's teacher
Jack Walters	Daisy's classmate
Millie	Daisy's grandma
Mrs Curtis	Daisy's best friend

5. Which of the following are things that Daisy normally writes at home. Tick two.

- her journal Christmas list
 lists of her favourite songs shopping list

6. As part of the project, Daisy has to... (tick two)

- ...get on a plane to Brazil.
 ...look at some webcams in the Amazonian rainforest.
 ...miss her spelling test.
 ...write a journal entry to tell the rest of the class what she's seen.

7. Why didn't Jack take part in the project?
