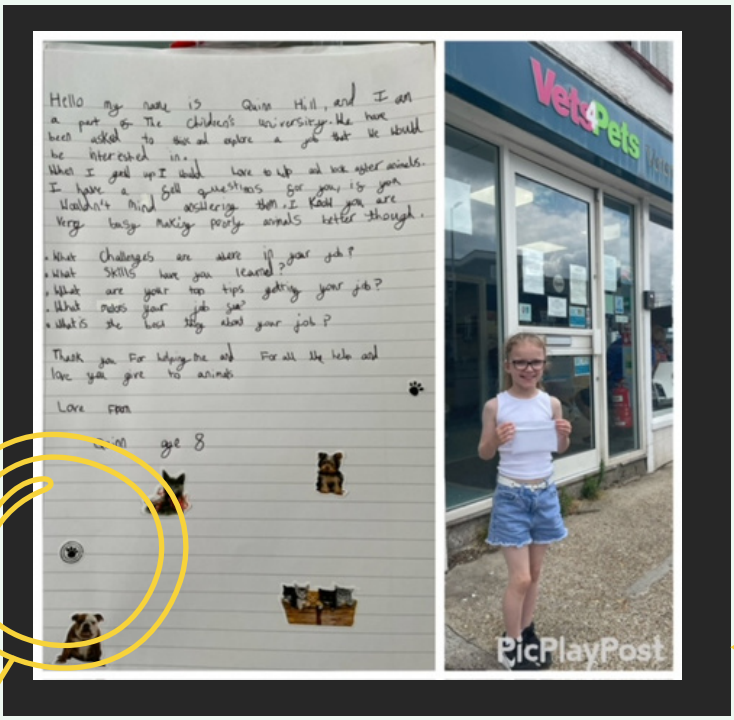
October 2024

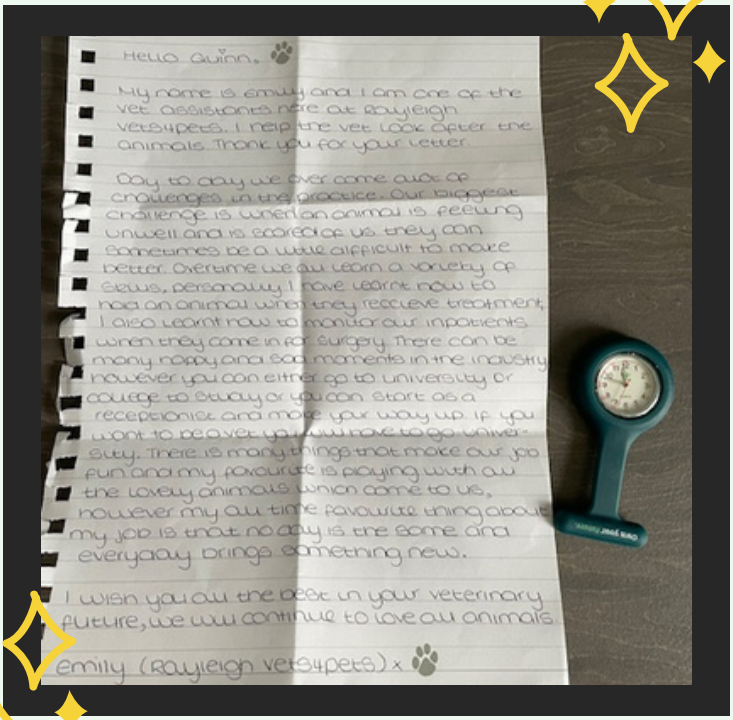
CHILDREN'S UNIVERSITY CHALLENGES

Hey there, superstars! Welcome back to our first challenge sheet of the year. We hope you enjoyed earning lots of CU hours over the summer? This year we are pleased to introduce you to our brand new feature where you have the chance to appear on our challenge sheet!

This term we are celebrating 8 year old Quinn from Grove Wood Primary who wrote to her local vets asking what it's like to be a vet. Thanks to Quinn's curiosity she earnt a reply from the vets as well as her own fob watch! Well done Quinn for getting curious!

If you'd like to be featured in our next Challenge Sheet email childrensuni@unityspe.co.uk with your story and photo.





Up to 1 Learning Hour each

Let's Create

-**Leaf Rubbings**: Place a leaf under a piece of paper and use the side of a crayon to make a rubbing of the leaf's texture and shape. Try using different colours to make a beautiful autumn collage. If you're older, you can try to make a detailed drawing of the leaf as well as a rubbing, can you see the detail side by side.

Pinecone Bird Feeder: Collect some pinecones and spread peanut butter on them. Roll the pinecones in birdseed and hang them outside for the birds to enjoy. If you're older, you can try to make a birdhouse out of materials you have at home to hang the pinecone feeders in.

Let's experiment

3 x Learning Hours

Carry out a Pumpkin Investigation:

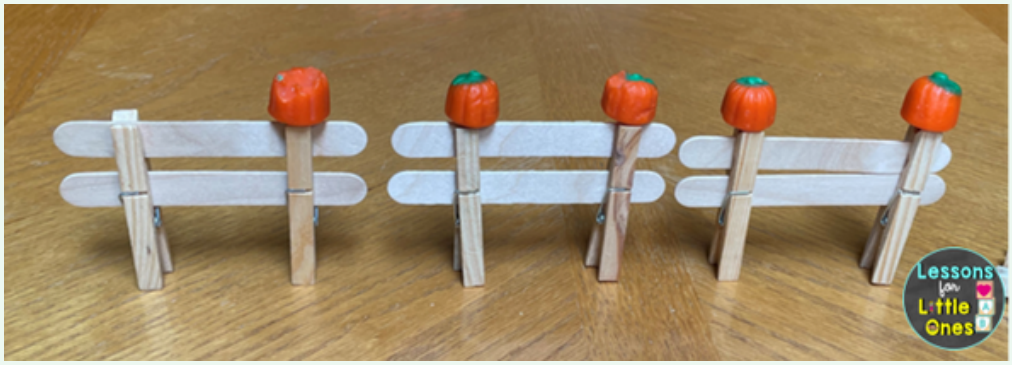
I think my pumpkin will:	My pumpkin actually:
Weigh: _____ (with seeds)	Weighed: _____ (with seeds)
Weigh: _____ (without seeds)	Weighed: _____ (without seeds)
Measure: _____	Measured: _____
Sink / Float	Sank / Floated
Have _____ seeds	Had _____ seeds
Have _____ ribs	Had _____ ribs

Let's imagine

2 x Learning Hours

Read the poem opposite and create a scene to represent this lovely autumn poem. Perhaps you could use sprouts painted orange sitting on a lolly stick gate or you could draw a story timeline.

Five little pumpkins sitting on a gate
The first one said, "Oh, my it's getting late"
The second one said, "There are witches in the air"
The third one said, "But we don't care"
The fourth one said, "Let's run and run and run"
The fifth one said, "We're ready for some fun"
Then "Ooh" went the wind and out went the lights
And the five little pumpkins rolled out of sight



Let's cook

Up to 2 x Learning Hours

Here is a simple recipe for pumpkin muffins, plan what ingredients you have and create a shopping list, then gather your ingredients and get cooking. You could bring a muffin as a lunchbox snack

Ingredients:
- 190 grams plain flour
- 1 teaspoon baking powder
- 1/2 teaspoon bicarbonate of soda
- 1/2 teaspoon ground cinnamon
- 1/4 teaspoon ground ginger
- 1/4 teaspoon ground nutmeg
- 1/4 teaspoon salt
- 2 large eggs
- 150 grams caster sugar
- 225 grams grated pumpkin
- 120 ml vegetable oil
- 80 ml milk

Instructions:

1. Preheat your oven to 180°C (160°C fan) and line a muffin tin with paper cases.
2. In a medium bowl, whisk together the flour, baking powder, bicarbonate of soda, cinnamon, ginger, nutmeg, and salt.
3. In a large bowl, beat the eggs and sugar together until well combined. Stir in the pumpkin puree, vegetable oil, and milk.
4. Add the dry ingredients to the wet ingredients and stir until just combined.
5. Spoon the batter into the prepared muffin tin, filling each cup about 2/3 full.
6. Bake for 20-25 minutes, or until a skewer inserted into the centre of a muffin comes out clean.
7. Let the muffins cool in the tin for a few minutes, then transfer them to a wire rack to cool completely.

Let's move

Up to 3 x Learning Hours

Create an autumn-themed obstacle course in your back garden or local park. Use items such as fallen leaves, sticks, and pumpkins to create obstacles to jump over, crawl under, or weave through.

Time each other as you complete the course and see who can finish the fastest.

Will there be a prize for the longest jump? Could you make a trophy out of sticks and leaves?

Contact Details

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