

Wednesday 7 October Instructions

Reflecting on Yesterday...

Recall in your mind what you saw in the video demonstration from yesterday. This was the one where I made an electrophorus with a piece of polystyrene, an aluminium pie dish and a wool cloth. See if you can think through the steps I did in this demonstration. Sit with your eyes closed for a minute and imagine that process in sequence, and what you saw and heard.

Activity...

Now find in your pack the blue plate, the aluminium dish and the piece of wool blanketing. Have a go at re-creating this demonstration. (The blue plate does the same job as my piece of polystyrene.)

Bookwork...

- 1) On the next page in your Main Lesson book, write about this activity, using the heading "Electrophorus":
 - What did you notice when I did the demonstration yesterday?
 - What did you experience when you did it yourself today?
 - What do you think is happening?

Now draw a picture of your electrophorus and label the parts.

Take a little break...

- 2) Take a new page if you need to and draw a diagram of your electroscope from yesterday.

Now imagine you have lent your electroscope to a friend. How would you explain to them what to do with it?

- Write a simple set of instructions about this (not how to *make* the electroscope, but the steps from where you rub an object with a type of cloth, take the rubbed object near the copper at the top of the jar, etc.)
- Suggest what objects work best and what works least of all (for example: ruler, paint brush, comb, spoon, etc.)
- Write about what your friend should observe in the electroscope when they follow these instructions.
- Write a little bit about what you think is happening in this process.

Story...

Listen to or read today's story.

Demonstration...

Watch today's demonstration. Great! You have finished Main Lesson for today. 😊