



Results and analysis of Science Pupil Questionnaire Summer 2 2018.

When asked:

How often do you have a Science lesson, children responded:

- Not that often
- Every Monday
- Not a lot
- Once a week
- Every Tuesday
- We do it randomly
- We do it once a week
- Not a lot
- Not much
- Twice a month
- Once a week

Out of eleven children, four indicated that they participate in Science weekly. This is the expected amount of time. However, seven children stated that they are taught Science sporadically. Although there is evidence in children's work books that suggests otherwise, children need to be explicitly aware that they are taking part in a Science session. This should be addressed by referring to the Science Principles at the beginning and end of every session, highlighting the principles that are being covered.

When asked:

What is Science/ a Scientist? Children responded:

- The world's secrets
- [a scientist is] Somebody who investigates things
- Science is a subject where you investigate and discover
- Where you find out about new things and investigated stuff
- [a scientist] is someone who does experiments and wants to find out about something
- It's an activity
- [a scientist] is someone who discovers fossils or old buildings that sink over time
- [a scientist is] a person who finds out about new species of creatures and facts about space and Earth, the universe and planets
- [a scientist] finds out facts

In order that the children are clear about what a scientist is or does, I have made working wall display resources with the definition of a scientist, with examples of different types of scientist. This will be displayed in every classroom in KS1/ KS2.



When asked:

What do you like about Science? Children responded:

- It's fun
- The fact that we can dress up in lab coats and put goggles on
- I like practical investigations
- Learning new things
- I like the experiments in Science
- Investigations
- Everything!
- Planting
- The predictions and the experiments
- Sitting

The majority of children referred to the practical elements of Science teaching and learning. Working scientifically is a significant portion of the Science curriculum. Children across KS1/ KS2 need to continue to learn through practical investigations and experiments. Staff should continue to highlight the Science Principles, further encouraging children to come up with their own enquiry questions, and extending the children's learning by asking how an investigation can be modified, especially in KS2.

Also, every effort should be made to ensure that children are physically active (where safe to do so) during the lesson, rather than 'sitting' in a chair. Our commitment to outdoor learning should address this.

When asked:

How could your teacher/ school improve Science? The children responded:

- A pin for everyone
- Have equipment that works
- More experiments
- More experiments that the whole school can do
- Chemistry
- We could go outside more
- More Science!

As with question one, the children need to be aware that Science is occurring two hours a week (see above). As a school, staff have addressed outdoor learning, and are aware that there is an expectation that children are to use the outdoor area for Science learning at least once every half term.

The children have recently taken part in a KS1/ KS2 Science Fair. This proved a success, as it engaged the children in their own learning, as well as their peers' Science education. This event will be repeated annually (every British Science Week) as a result. To improve on this, parents and guardians will be sent a letter inviting them to view their children's work in Science.

The school has recently invested in new Science boxes for KS1/ KS2 to use. Every teacher and TA has attended a meeting with the Science governor, Mrs. Jen Hughes, where they were able to familiarise themselves with all the equipment available. Every staff member was made aware of where the Science resources are kept, as well as being made aware of the procedure for signing out any



equipment. If there are any resources that are not in working order, this needs to be reported to the Science Lead (Emma Lightfoot). There will be another laminated sheet entitled 'Equipment Faults/ Issues', where staff can leave a message for the Science lead.

When asked:

What's been your favourite part of Science this year? Children responded:

- Learning about plants
- Investigating what materials are magnetic and non-magnetic
- Investigating how light travels
- Learning about the body
- The evaporation experiment
- Experiments
- All of Science!
- Writing about the seasons

Please see points above. The children clearly love the practical investigations in Science, and this should continue to be the main focus in teaching and learning.