



**Experience Title:**

# Can you feel the force?

**Year/ Class:** Pine Class Year 3 and 4

**Start Date:** 13.05.19.

**Weeks**

**End Date:** 23.05.19.

**4 - 5**

**Main Subject focus:**

**Science**

**Supported by this/these subject(s):**

**DT**

**Discrete Subjects:**

Guided Reading, SPaG/ Phonics, Maths, French, Music, PE, PSHE.

**Rationale:**

This is an opportunity for the children to learn about forces and magnets, covering objectives as set out in the National Curriculum. This will include practical hands on experiences. This will be well matched to the learning style of many children in the class. The experiences will be applied to real life situations. The nature of this learning experience will also ensure that children are using many skills within scientific enquiry.

**Hook:**

Show how to make iron filings dance using a magnet.

**Outcome:**

To make a game for a younger child using magnets which we will share with the children in Cherry Class.

**Core Values**

<b>Aspiration</b>	Acceptance
<b>Resilience</b>	<b>Respect</b>
<b>Collaboration</b>	Honesty

**How the Values will be fostered:**

- *Collaboration – work together, sharing ideas to increase knowledge and understanding of magnets and forces*
- *Resilience – Use Growth Mindset thinking to make the best possible game using magnets*
- *Aspiration - to make the best possible game using magnets in order to excite and interest younger children*
- *Respect – respect other people’s ideas and games*

**Celebrating success by:**

Sharing games we have made with Cherry Class to help them to understand and use magnets and enjoy the learning experience.

**Parental support:**

Look around the home to find where and how magnets are used.