

YEAR 5

CHEMICAL CHAOS

Summer 2

Rationale: After Professor Ian Dunn's spectacular science show, the challenge is set to create an interactive, informative and mind-blowing Science Fair to inform the population at large of the wonders of states of matter, separating mixtures and reversible and irreversible changes. As budding scientists, the children will investigate and test different substances that can be recovered from mixtures and solutions, as well as discovering some that cannot. Children will take on roles, negotiate tasks as they go and work together to plan, investigate and present their scientific findings.

Lead Subject: Science

This will be the lead subject this half term with lots of opportunities for practical science. We will be learning about materials and how they can be grouped into solids, liquids and gases and their properties. The children will have the opportunity to be real scientists making careful observations of chemical reactions and solving problems, such as separating mixtures. They will learn that changes of state can be reversible and irreversible and that science is about asking questions, exploring and testing unknown theories and using results to draw conclusions. Safety in science will also be a key element of our work.

Lead Subject: English

This half term, the children will be immersing themselves in the picture book, Journey. As this book has no text, we will be focusing a lot of our skills on inference. We will also use this text to create our narrative pieces of writing. Focusing on setting description and direct speech.



Lead Subject: Computing

The children will be using iMovie to combine video clips, images, text and audio to create a clear instructional video about a science experiment.



Applied Subject: PDL

The children will be identifying the risks with different activities undertaken and be able to explain the risks of science investigations to others. We will also be undertaking our Sex and Relationship Education lessons (parent meeting: Monday 15th June at 6pm in the Year 5 classrooms).

Maths:

We will be continuing to develop our knowledge of fractions. We will explore the concept of equivalent fractions and finding common denominators to solve addition and subtraction calculations involving fractions with different denominators. We will then explore the translation and reflection of 2D shapes.

Applied Subject: P.E

We will be learning the skills and rules of rounders this half term and also competing in a variety of team games including team building and problem solving.

Home learning: Please look on Google Classroom for home learning instructions 😊

School Values: Partnership

We will be learning take on a specified role in a team, accepting and delegating tasks when planning for our Science Fair outcome with each other in small groups.

Outcome:

An interactive Park Gate Primary School Science Fayre, where Year 5 can educate and share their love for science with their families. We would love to welcome you on Friday 10th July at 2:00 for our Science Fayre!!



6 WEEKS

French:
Chez moi!

P.E:
Team Building games/ Rounders

SCARF:
Growing and changing

R.E:
Wisdom

PDL:
SRE

Music:
Show Singing
A Bao A Qu (continued)