



Year: 4

Term: Spring 1

Spoken Language:

Children will be encouraged to listen and respond appropriately to their peers and ask relevant questions to extend their understanding and knowledge. Hot seating activities in reading and writing.

Writing:

The children will learn the skills of writing instructions on how to make a potion. They will also learn persuasive skills to create a persuasive poster advertising a potion that they have made.

Engage:

What is a potion? When/where have you seen a potion before? The children will observe a 'potion' bubbling in a cauldron and discuss what they see. They will sort objects into solids, liquids and gases and then make oobleck which behaves as a solid and liquid!

Key Question: How do materials change their state of matter?

Maths:

- Multiplication and Division
- Area
- Fractions

Computing: Microbits for repeating patters.

Children will learn how to code in order to create repeating patterns.

Science:

Pupils will learn about the differences between solids, liquids and gases, how to classify materials and how some materials can change state. They will have opportunities to undertake practical experiments to help them understand the processes of melting, freezing, evaporating and condensing. Through their practical work, the children will learn the skills of observing, describing and explaining the changes that occur.

Potions



PE:

The children will develop dance skills. These will be taught by a professional dance coach.

Spanish: My Family

The children will learn key vocabulary to talk about members of their family and to ask and answer questions about their family.

Art: Clay Pots

Ceramic Artist – Lucie Rie

The children will take inspiration from Lucie Rie to create their own ceramic bottle.

They will learn clay skills including carving details using tools, smoothing out the clay with fingers and joining pieces of clay together.

Prove It: Children will work in a small group to prepare a demonstration which answers the key question. They will prepare a verbal explanation and key vocabulary to use when explaining to parents at the topic showcase.

Topic Showcase: Thursday 12th February @ 2:15-2:45pm

The classroom will be turned into a potions lab. Children will show demonstrations linked with matter changing states and explain what is happening based on their scientific knowledge.

RE: Wisdom: Sikhism.

PSHE:

Dreams and Goals –the children will learn how to achieve goals and consider the different emotions that go with it.

Music:

Learning to sing “Stop!” by Joanna Mangona (a rap song about bullying) –
Children will perform this to parents during the topic showcase.

Things to explore with your child!

PE:

All classes have PE on a Friday and alternative Wednesdays.

Times Tables and Spellings:

Times table rockstars and spellings home learning tasks will be sent out every Monday. Please aim for your child to do these at least 3 times a week.

Spelling tests will be completed in school during the week.

Reading:

We encourage you to listen to your child read as much as possible. Ideally they should read every evening, making sure they read a variety of different genres.

Please encourage them to fill in their reading record book. These should be handed to the class teacher every Friday. Children get prizes the more they read!

Writing:

Over this half term we will be learning about instruction and persuasive writing.

Discuss with your child: Look at any instructions you have at home – recipes, craft instructions, game rules. How are they set out? Can you follow them together to make something?

If possible, visit your local library and find some portal stories and instructions to read together.

Topic Learning:

Children should complete at least 1 piece of topic home learning. What they do for this is their choice. Please see the next page for some ideas to get started!

Topic learning should be handed in (to the class teacher or via Teams) by Friday 6th February 2026!

Science:

Discuss with your child which materials will melt when they are heated and turn back into solids when they are cooled.

When out and about, discuss why they can smell certain objects from a distance, such as perfume, before looking at evaporation and exploring some examples of evaporation in everyday life, such as clothes drying on a washing line.

Useful websites and resources:

Here are some useful online games which can be found by typing the names into Google.

Hit the Button (for times tables and number bonds)

Mental Maths Train (four operations)

BBC Bitesize has lots of excellent science information to share with your child.

HOME LEARNING PROJECT IDEAS

Year 4 Potions

Make a list of all the solids, liquids and gases you can find at home. Are they stored safely?

Make a sketch of any interesting bottles you have at home. Remember to add pattern and shading.

Make a homemade potion using things found at home. Remember to work with an adult!

Make ice lollies at home. Can a surprise ingredient reveal itself as they melt?!

Visit your local library to search for stories about potions. Write a review on one.

Write a poem to cast your own spell – who will you be casting your spell on?

Design & draw your own potion that has magical properties then write a set of instructions for it.

Design and make a label for your own potion bottle using a bottle you find at home.

Please complete at least one activity. Bring these into school on Friday 6th February 2026

