



Y5 Project 3 Learning Journey: Alchemy Island

It's time to suspend your disbelief and open your mind. We're going on a magical journey to Alchemy Island. Can you find the gold hidden deep within the island's mysterious landscape? The only way is to study the map, unravel the riddle and begin your adventure. On the way, you must do all you can to learn about gold and master the ancient art of alchemy. Be creative and try to impress the island's team of ace alchemists. Will they praise your scientific expertise? You've got your map, coordinates and everything else you need to make your way across Alchemy Island. Don't forget to pack your imagination. Got your suitcase ready? Then let the journey begin.

English	Maths	Science
<p>English: A portal story focussing on openings and endings</p> <p>Project linked: A European study – persuasive travel writing</p> <p>Class read: 'Overheard in a Tower Block' by Joseph Coelho</p>	<p>Fractions: Equivalent fractions, converting improper fractions to mixed number and vice versa</p> <p>Meaningful maths: coordinates and angles</p>	<p>Properties and changes of materials -</p> <p>BIG Q: How would you survive on Alchemy Island?</p> <p>Investigations: Can you clean dirty water? Do all solids dissolve? Which materials conduct heat?</p>
Geography		Computing
<p>Geography Study: Europe</p> <p>BIG Q: How would a cartographer navigate Alchemy Island?</p> <p>Skills: Using the eight points of a compass Four and six-figure grid references, symbols and keys</p>		<p>Programming: iprogram</p> <p>Safer Internet Day Tuesday 6th February</p>
PSHE		PE
<p><i>What could my future look like?</i></p> <p>Value: Aspiration</p>		<p>REAL PE Unit 3 Swimming Dance</p>
RE	Music	French
<p>Christianity: Why was he known as Jesus the Healer?</p>	<p>Alchemy Island: Soundtracks and lyrics</p>	<p>Do you have a pet?</p>

Please see the knowledge organiser sent with this document to find out what skills, knowledge and understanding your child is expected to have by the end of the project.

Suggested reads

Why not pop along to your local library and see what books they have about The Tudors? Here are some recommended reads:

Shadow Forest	Matt Haig
Macbeth (A Shakespeare Story)	Andrew Matthews
Jumanji	Chris Van Allsburg
Crystal and Gem (DK Eyewitness)	DK Books
Frozen in Time	Ali Sparkes
The Apothecary	Maile Meloy
The Tempest (A Shakespeare Story)	Andrew Matthews

Regular home learning

Pupils are expected to practise their weekly spellings which will focus on the Statutory Spellings for Yr5&6 online using the Spelling Shed website (<https://play.edshed.com/en-gb/login>) and the log on details provided to them.

In addition, we would strongly recommend regular reading and TT Rockstars. Those who participate will not only be rewarded through House Points and Merits, but will reap the benefits of regular practice and revision of skills that are needed across curriculum areas and in many walks of life.

Optional home learning challenges linked to our project

- If after completing their reading, your child would like to complete additional home learning challenges, here are some ideas of projects they could attempt and bring in to share with their class teacher for *bonus merits*.
- Find out if your family owns any objects that contain gold or another precious metal or gemstone. Write a fact sheet about the properties and common uses of one or more of these precious elements.
- Find out about the work of an alchemist and write a non-chronological report, including facts, diagrams and illustrations.
- Make a list of foods that change state when heated or cooled, such as eggs, water, butter and chocolate. Plan and make a dish for your family that includes foods from your list.
- Look at the periodic table. Can you learn the atomic numbers and symbols for different metals, such as lead, copper, silver, zinc, iron and platinum?
- Find out about the life and works of famous chemists in history. Write a short biography of a chemist who sparks your interest, such as Marie Curie or Robert Boyle.
- Research popular children's stories that feature portals into other worlds. Draw a picture of your favourite portal from one of the stories and surround it with descriptive phrases.
- Find the words to the Song of the Witches from Macbeth. See if you can learn it off by heart and make a recording.

Useful information

- **Y5 are scheduled to do PE on Wednesdays and Thursdays**, but this can change without notice so please ensure your child has their full PE kit in school every day. Please provide your child with warm weather kit as well as indoor clothes.
- **Reminder that our swimming lessons are on a Thursday.** Children should come 'swim ready' with their normal school uniform over the top. Please ensure that they also have a towel, underwear and a swimming hat in a bag.



Inspiring the learning journey!