
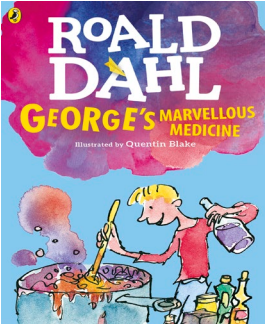


Medium Term Planning  
Autumn 2  
Year 4

Topic:	Potions
Main Subject	Science - Solids Liquids and gases
Linked Subjects	N/A
NC objective	States of matter
Main subject key knowledge and skills	<div style="text-align: center; background-color: #0099cc; color: white; padding: 5px; margin-bottom: 10px;"> <b>Year 4 statements</b> </div> <p>Pupils should be taught to:</p> <ul style="list-style-type: none"> <li>• compare and group materials together, according to whether they are solids, liquids or gases</li> <li>• observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)</li> <li>• identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature</li> </ul>
Linked subject key knowledge and skills	NA
Discrete Subjects	<p>Geography - Catalonia  <i>Recognise, name and locate at least 8 countries of the world and their major cities.</i>  <i>Recognise and understand there are differences between physical and human aspects of regions and each is distinctive (Catalonia)</i>  <i>Ask and respond to questions and offer their own ideas.</i>  <i>Analyse evidence and draw conclusions, eg. make comparisons between locations, pictures and maps</i></p> <p>DT - Healthy Snack Bar  <i>I can design with purpose by identifying opportunities to design.</i>  <i>I can create cross-sectional diagrams to demonstrate my design.</i>  <i>I can prepare ingredients hygienically using appropriate utensils.</i>  <i>I can measure ingredients to the nearest gram accurately.</i>  <i>I can follow a set of instructions or a recipe.</i>  <i>I can disassemble products to understand how they work.</i>  <i>I can refine work and techniques as my work progresses, continually evaluating the product design.</i>  <i>I can improve upon existing designs, giving reasons for choices.</i></p> <p>PSHE - Relationships          French - My Family          PE - Invasion Games and Tri Golf</p>

Main Text	 		
Main Writing Genre	Letter Writing	Instructions	Performance Poetry
Enrichment	Dragon's Den, Now press play, Science Centre Oldham		

Weekly Overview	<p><b>WK1</b>  <b>SCIENCE - Solids, Liquids and Gases</b></p> <p>READING - GMM  1) Book Talk  2) Vocabulary  3) Text Cohesion  4) Comprehension  5) Inference</p> <p>ENGLISH - Letter Writing  1) Structural Features  2) Language features  3) Vocabulary focus  4) Plan  5) Introduction and paragraph 1</p> <p>MATHS -  ADDITION AND SUBTRACTION CONSOLIDATION</p> <p>SCIENCE  1) pre test- elicitation  2) What is a solid, liquid and a gas?  3) Understanding the particles of a solid, liquid and gas  4) Rice crispy cakes- what happens when solid is melted/cooled</p> <p>FRENCH - Ma famille</p>
	<p><b>WK2</b>  <b>SCIENCE - Solids, Liquids and Gases</b></p> <p>READING - GMM  1) Book Talk  2) Vocabulary  3) Text Cohesion  4) Comprehension  5) Inference</p> <p>ENGLISH - Letter Writing  1) Edit  2) P 2 and 3</p>

- 3) Edit
- 4) Conclusion
- 5) Edit

#### MATHS - AREA

- 1) What is Area?
- 2) Counting Squares
- 3) Making Shapes
- 4) Compare Area

#### SCIENCE

- 1) research melting and freezing points (thermometer)
- 2) TAPS investigation- measuring temps
- 3) Biscuit dunking- fair test
- 4) Taps- drying liquid

#### FRENCH - Ma famille

### WK3

#### Science - Solids, liquids and Gases

#### READING - GMM

- 1) Book Talk
- 2) Vocabulary
- 3) Text Cohesion
- 4) Comprehension
- 5) Inference

#### WRITING- Letter Writing (draft)- How to convince George to not give grandma the medicine

- 1) Planning
- 2) Writing
- 3) Edit
- 4) Write/edit
- 5) Publish

#### MATHS - MULTIPLICATION AND DIVISION

- 1) Multiples of 3
- 2) Multiply and divide by 6
- 3) 6 times-tables and division facts
- 4) Multiply and divide by 9
- 5) 9 times-table and division facts

#### Science

- 5) Water cycle
- 6) kahoot

#### FRENCH - Ma famille

### WK4

#### GEOGRAPHY - Catalonia

#### READING - Instructions

- 1) Book Talk
- 2) Vocabulary
- 3) Text Cohesion
- 4) Comprehension
- 5) Inference

#### WRITING - Instructions

- 1) Follow instructions
- 2) Structural Features
- 3) Language features
- 4) Writing instructions

5) Editing

MATHS - MULTIPLICATION AND DIVISION

- 1) The 3, 6 and 9 times-table
- 2) Multiply and divide by 7
- 3) 7 times-table and division facts
- 4) 11 times-table and division facts
- 5) 12 times-table and division facts

GEOGRAPHY - Catalonia

- 1) Pre Assessment
- 2) Locate Catalonia
- 3) Physical geography of Catalonia
- 4) Human geography of Catalonia

FRENCH - Ma famille

WK5

DESIGN AND TECHNOLOGY - Dragons Den

READING - Instructions

- 1) Book Talk
- 2) Vocabulary
- 3) Text Cohesion
- 4) Comprehension
- 5) Inference

ENGLISH - Instructions

- 1) Planning
- 2) Writing
- 3) Editing
- 4) Write/edit
- 5) Publish

MATHS - Multiplication and Division

- 1) Multiply by 1 and 0
- 2) Divide by 1 and itself
- 3) Multiply 3 numbers

DT - Making a healthy snack

- 1) Research and evaluate existing products
- 2) Communicate the purpose and user of a product
- 3) Investigate ingredients, recording findings using appropriate vocabulary
- 4) Develop design criteria and communicate my ideas using an annotated sketch
- 5) Make the designed product using good food hygiene and preparation techniques
- 6) Evaluate the final product

FRENCH - Les nombres

WK6

GEOGRAPHY - Catalonia

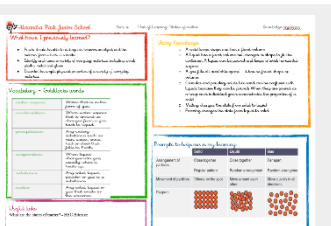
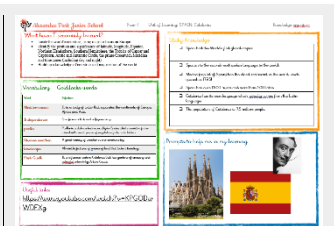
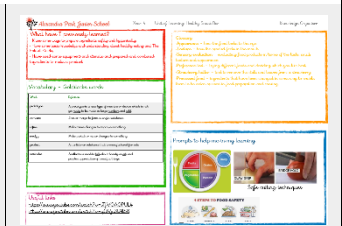
READING - Performance Poetry

- 1) Reading for pleasure
- 2) Vocabulary
- 3) Text Cohesion
- 4) Comprehension
- 5) Inference

ENGLISH - Performance Poetry

- 1) What is performance poetry?
- 2) Performing poetry
- 3) Peer feedback
- 4) Performing poetry

	<p>5) Peer feedback</p> <p>Maths - CONSOLIDATION</p> <p>GEOGRAPHY</p> <ol style="list-style-type: none"> <li>1) Compare Catalonia to Greater Manchester</li> <li>2) Tourism</li> <li>3) Independence</li> <li>4) Final Assessment</li> </ol> <p>FRENCH - Ma famille</p> <p>PE</p>
	<p>WK7</p> <p>PSHE - Relationships</p> <p>READING - Performance Poetry</p> <ol style="list-style-type: none"> <li>1) Reading for pleasure</li> <li>2) Vocabulary</li> <li>3) Text Cohesion</li> <li>4) Comprehension</li> <li>5) Inference</li> </ol> <p>WRITING - Performance Poetry</p> <ol style="list-style-type: none"> <li>1) Planning</li> <li>2) Writing</li> <li>3) Edit</li> <li>4) Publish</li> <li>5) Perform</li> </ol> <p>MATHS - CONSOLIDATION</p> <p>PSHE - Relationships</p> <ol style="list-style-type: none"> <li>1) Valuing Friendships</li> <li>2) Building Confidence</li> <li>3) Bullying</li> </ol> <p>French - Assessment Task</p>

<p>Reflection of Learning</p>	<p>Demonstration video using green screen Kahoot</p>		
<p>Sticky Knowledge</p>	 <p>A solid keeps shape and has a fixed volume</p> <p>A liquid has a fixed volume but changes in shape to fit the container.</p>	 <p>Spain had the World's first global empire</p> <p>Spanish is the second most spoken language in the world.</p>	

	<p>A liquid can be poured and keeps a level, horizontal surface</p> <p>A gas fills all available space - it has no fixed shape or volume</p> <p>Granular and powdery solids like sand can be confused with liquids because they can be poured. When they are poured as a heap each individual grain demonstrates the properties of a solid</p> <p>Melting changes the state from solid to liquid</p> <p>Freezing changes the state from liquid to solid</p>	<p>Madrid (capital of Spain) has the oldest restaurant in the world which opened in 1725!</p> <p>Spain has over 1'800 rivers and more than 500 lakes.</p> <p>Catalonia has its own language which actually comes from the Latin language.</p> <p>The population of Catalonia is 7.5 million people.</p>	
British values/citizenship			
Maths links	<p>Measuring ingredients</p> <p>Measuring temperature</p> <p>Negative numbers</p> <p>Area - Nets</p> <p>Venn Diagrams</p>		
Computing links	<p>Scratch Quiz - Creating a quiz based on questions about the creation of potions.</p> <p>Green Screen of performance poetry</p>		
Outdoor learning			
Home learning	<p>Brain Builder</p>		