

## Hayes Elementary Programme of Inquiry

|                       | <u>Who we are</u>                                                                                                                                                                                                                                                                                                                          | <u>Where we are in place and time</u>                                                                                                                                                                                                                                                                                                           | <u>How we express ourselves</u>                                                                                                                                                                                                                                                                                                                                                  | <u>How the world works</u>                                                                                                                                                                                                                                                                                                                                                                                  | <u>How we organize ourselves</u>                                                                                                                                                                                                                                                                                                                                                                                      | <u>Sharing the planet</u>                                                                                                                                                                                                                                                                                                                                                |
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| <b>K</b>              | <p><b>Central Idea:</b> People and their jobs provide goods and services to impact communities.</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• Our different communities</li> <li>• The differences between goods and services</li> <li>• Ways that community helpers meet our needs and wants</li> </ul>     | <p><b>Central Idea:</b> Knowing about ourselves and our personal histories enables us to understand who we are.</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• Things that make us special</li> <li>• Ways to learn about the past</li> <li>• Similarities and differences between ourselves and others</li> </ul> | <p><b>Central Idea:</b> Symbols and celebrations are used to communicate ideas and culture.</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• Different symbols and celebrations</li> <li>• Similarities and differences of symbols and celebrations around the world</li> <li>• Reasons people use symbols and celebrations to communicate</li> </ul> | <p><b>Central Idea:</b> People apply their understanding of forces and motion to play and create</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• Different kinds of forces</li> <li>• Change caused by a force acting on an object</li> <li>• Common occurrences of push and pull forces in our world</li> <li>• The forces applied to different toys and structures</li> </ul> | <p><b>Central Idea:</b> We create systems to sort things and organize ourselves.</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• Observing and identifying similarities and differences in the world around us</li> <li>• Ways we can sort things using multiple methods</li> <li>• Reasons we create rules and sorting systems</li> <li>• Systems in our classroom and school</li> </ul> | <p><b>Central Idea:</b> Plants and animals live and grow in habitats.</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• What living things need to survive</li> <li>• Features of habitats</li> <li>• Adaptations and characteristics of plants and animals</li> <li>• Consequences of losing habitats</li> </ul>                              |
| <b>1<sup>st</sup></b> | <p><b>Central Idea:</b> Connections create and explain relationships.</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• My unique identity and culture</li> <li>• Human relationships, including friends, families, and communities</li> <li>• Our responsibilities as a member of a community</li> </ul>        | <p><b>Central Idea:</b> Curiosities lead to exploring for new discoveries.</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• The discoveries explorers have made</li> <li>• Reasons people explore our world</li> <li>• Ways we can explore the world around us</li> </ul>                                            | <p><b>Central Idea:</b> Creative expression is unique to the individual.</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• Different ways stories can be communicated</li> <li>• Story elements</li> <li>• Ways we like to be creative</li> </ul>                                                                                                      | <p><b>Central Idea:</b> Living things grow and change in predictable cycles.</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• How plants and animals grow and change</li> <li>• How plants and animals belong to a family</li> <li>• The basic needs of all living things</li> </ul>                                                                                             | <p><b>Central Idea:</b> Values, wants and needs influence our choices.</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• Things we value as individuals and communities</li> <li>• Ways we meet our needs and wants</li> <li>• The costs and benefits of different decisions</li> <li>• Ways wants and needs change over time</li> </ul>                                                    | <p><b>Central Idea:</b> People's actions have an impact on natural environments..</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• Ways the Earth's surface changes</li> <li>• Factors that affect the environment</li> <li>• How people interact with the environment</li> <li>• Our responsibility to look after the environment</li> </ul> |
| <b>2<sup>nd</sup></b> | <p><b>Central Idea:</b> Rights and responsibilities influence communities.</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• Rights and responsibilities in communities of which we are members</li> <li>• Ways individual choices influence a community</li> <li>• Rights of people around the world</li> </ul> | <p><b>Central Idea:</b> Movement, whether chosen or forced, causes change.</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• Causes and effects of movement</li> <li>• How resources influence movement</li> <li>• How exploration and migration have changed land and people</li> </ul>                              | <p><b>Central Idea:</b> Ideas, feelings, and information are communicated through a variety of media.</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• Different forms of media</li> <li>• Ways media can persuade others</li> <li>• The impact of media on our elections</li> </ul>                                                                  | <p><b>Central Idea:</b> Materials behave and interact in certain ways, which determine how people use them.</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• Properties of materials</li> <li>• Changes in states of matter</li> <li>• Manipulation and application of materials for new purposes</li> </ul>                                                                     | <p><b>Central Idea:</b> Individual and societal decision-making impacts humankind and the environment.</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• The value and balance of natural, capital, and human resources</li> <li>• Availability and use of resources in different places and situations</li> <li>• Ways our decisions impact our lives and the lives of others</li> </ul>   | <p><b>Central Idea:</b> The interconnectivity of climate and living things causes change</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• Relationship between weather and climate</li> <li>• How climate affects humans</li> <li>• How humans impact climate</li> <li>• Humans' responsibility to the environment</li> </ul>                 |

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| 3 <sup>rd</sup> | <p><b>Central Idea:</b> Decisions reveal the beliefs and values of individuals and communities.</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• How beliefs and values cause people to take action</li> <li>• Ways groups of people make decisions</li> <li>• Consequences of different decisions</li> <li>• People's rights and responsibilities in different communities</li> </ul> | <p><b>Central Idea:</b> Learning about history helps us understand the connection between the past and the present.</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• People and events that have made a significant impact</li> <li>• How aspects of the past still influence us today</li> <li>• Ways events or people may be recognized, locally or globally</li> <li>• Ways to find out about the past</li> </ul> | <p><b>Central Idea:</b> Individuals find inspiration from the environment and their life experiences.</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• Different expressions of creativity</li> <li>• Inspiration from environment and life experiences</li> <li>• Figurative language</li> </ul> | <p><b>Central Idea:</b> The physical world transforms and affects daily life.</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• Properties of sound and light</li> <li>• How light and sound are used in daily life</li> <li>• The absence of sound and light</li> </ul>                                                         | <p><b>Central Idea:</b> The economy relies on systems of production, exchange, and consumption of goods and services.</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• The role of supply and demand</li> <li>• The distribution of goods and services</li> <li>• Our responsibilities as consumers</li> </ul>       | <p><b>Central Idea:</b> Connections exist and evolve among systems, places, and living things.</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• The reproduction, growth, and survival of plants and animals</li> <li>• The function and value of maps and how they describe the location of places</li> <li>• The relationship between habitats, landforms, and living things</li> <li>• Patterns found in systems, places, and living things</li> </ul> |
| 4 <sup>th</sup> | EXHIBITION                                                                                                                                                                                                                                                                                                                                                                                                        | <p><b>Central Idea:</b> People create and use maps for a variety of purposes.</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• Different types of maps and their purposes</li> <li>• Features of maps</li> <li>• Ways mapping has changed over time</li> </ul>                                                                                                                                                       | <p><b>Central Idea:</b> Tales are passed down to teach beliefs and values.</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• The characteristics of different types of tales</li> <li>• Lessons learned from characters' actions</li> <li>• Comparisons of different tales</li> </ul>              | <p><b>Central Idea:</b> Discovery and understanding of scientific principles allows humans to innovate.</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• The properties of magnets and electricity</li> <li>• The relationship between magnets and electricity</li> <li>• How one invention led to other inventions</li> </ul> | <p><b>Central Idea:</b> Location helps define the way people live.</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• The connection between geography and lifestyle</li> <li>• Ways physical features and climate affect population</li> <li>• How economy is influenced by location and physical features</li> </ul> | <p><b>Central Idea:</b> Human use of natural resources affects access and sustainability.</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• Physical properties of natural resources</li> <li>• Natural cycles</li> <li>• Human use of natural resources</li> <li>• Our responsibility to share finite resources</li> </ul>                                                                                                                                |