

## MEDIUM TERM PLANNING

TERM: SPRING 2 YEAR 5

NEAR AND FAR: HOW CAN WE EXPLORE THE WORLD AROUND US?

|        | English                                                                                        | Maths                                           | Science                                   | Computing                                                                                                                      | Topic                                                                                                             | Art/DT<br><i>D&amp;T – space rovers</i>                                         | PHSE | RE<br><i>What difference does the resurrection make to Christians?</i>                  | Music                     | PE         |
|--------|------------------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------------|---------------------------|------------|
| Week 1 | Explanation texts – How does movement in space affect time on Earth?<br><br>Class book: Cosmic | Decimals and percentages<br><br>HM - Statistics | Space: The Solar System – ideas over time | To use formulae within a spreadsheet to convert measurements of length and distance.                                           | <b>History</b><br>To explore the life of Guglielmo Marconi.                                                       | To research space rovers                                                        |      | <u>Lesson 1</u><br>Examine the purpose of religious and secular celebrations            | Focus: Listen and respond | OAA Tennis |
| Week 2 | Explanation texts – How does movement in space affect time on Earth?<br><br>Class book: Cosmic | Decimals and percentages                        | Space: Planet Earth                       | To use a spreadsheet to model a real-life problem.<br>To use formulae to calculate area and perimeter of shapes.               | <b>History</b><br>To understand the significance of the history of radio, and how it has impacted our lives today | To explore axis and pulley mechanisms<br><br>To create a basic electric circuit |      | <u>Lesson 2</u><br>Compare and contrast the Gospels of Christ's Resurrection.           | Focus: Listen and respond | OAA Tennis |
| Week 3 | Explanation texts – How does movement in space affect time on Earth?<br><br>Class book: Cosmic | Decimals and percentages                        | Space: Night and day                      | To use a spreadsheet to investigate the probability of the results of throwing many dice.                                      | <b>History</b><br>To compare present day Chelmsford to Chelmsford in the 1900s.                                   | To design my own space rover                                                    |      | <u>Lesson 3</u><br>Explain the importance of a religious festival to Christians.        | Focus: Composition        | OAA Tennis |
| Week 4 | Explanation texts – How does movement in space affect time on Earth?                           | Decimals and percentages                        | Space: The Moon                           | To use spreadsheets to model real-life situations.<br>To use the created spreadsheet to make decisions about these situations. | <b>History</b>                                                                                                    | To create my space rover                                                        |      | <u>Lesson 4</u><br>Debate the significance of the Easter Festival to Christian beliefs. | Focus: Composition        | OAA Tennis |

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|        |                                        |                                                     |                      |                                                                                                                                                  |                                                                                                                                                      |                               |                                                                                                                                                                                                                                                                                                                                          |                                                                                                              |                       |               |
|--------|----------------------------------------|-----------------------------------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------|---------------|
|        | Class book:<br>Cosmic                  |                                                     |                      |                                                                                                                                                  |                                                                                                                                                      |                               |                                                                                                                                                                                                                                                                                                                                          |                                                                                                              |                       |               |
| Week 5 | Diary entries<br>Class book:<br>Cosmic | Revisit concepts<br>from Autumn and<br>Spring terms | Space:<br>Review     | To use spreadsheets<br>to model real-life<br>situations.<br>To use the created<br>spreadsheet to<br>make decisions<br>about these<br>situations. | <b>Geography</b><br>To observe,<br>measure and record<br>physical features<br>using a range of<br>methods, e.g.<br>measure rainfall,<br>temperatures | To create my space<br>rover   |                                                                                                                                                                                                                                                                                                                                          | <u>Lesson 5</u><br>Create an<br>infographic<br>poster<br>explaining the<br>relevance of the<br>Resurrection. | Focus:<br>Performance | OAA<br>Tennis |
| Week 6 | Diary entries<br>Class book:<br>Cosmic | Revisit concepts<br>from Autumn and<br>Spring terms | Space:<br>Assessment | To use the count<br>tool to answer<br>hypotheses about<br>common letters in<br>use.                                                              | <b>History</b>                                                                                                                                       | To evaluate my space<br>rover | Explain different<br>roles that food<br>and substances<br>can play in<br>people's lives. I<br>can explain how<br>people can<br>develop eating<br>problems relating<br>to body image<br>pressures, and<br>how smoking and<br>alcohol misuse is<br>unhealthy.<br>I can summarise<br>different ways<br>that I respect and<br>value my body. |                                                                                                              | Focus:<br>Performance | OAA<br>Tennis |