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|  **Earth and Space** | **Working Scientifically** |
| * Can they describe and explain the movement of the Moon relative to the Earth?
* Can they describe the Sun, Earth and Moon as approximately spherical bodies?
* Can they use the idea of the Earth’s rotation to explain day and night and the apparent movement of the sun across the sky?
 | **Planning** | **Obtaining and presenting evidence**  | **Considering evidence and evaluating**  |
| * Can they suggest predictions?
* Can they use their findings to draw a simple conclusion?
 | * Can they explain their findings in different ways (display, presentation, writing)?
 | * Can they find any patterns in their evidence or measurements?
* Can they make a prediction based on something they have found out?
* Can they evaluate what they have found using scientific language, drawings, labelled diagrams, bar charts and tables?
* Can they use straightforward scientific evidence to answer questions or to support their findings?
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| **Challenge** |
| * Can they create shadow clocks?
 | * Can they use test results to make further predictions and set up further comparative tests?
 | * Can they take measurements using different equipment and units of measure and record what they have found in a range of ways?
 | * Can they report findings from investigations through written explanations and conclusions?
* Can they use a graph or diagram to answer scientific questions?
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