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| **LEVEL 4** | **Page** | **I can do this well** | **I need to revise this** |
| I know what a telescope is used for. 🞎 | 204 |  |  |

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| **LEVEL 5** | **Page** | **I can do this well** | **I need to revise this** |
| I know why we have day and night. 🞎 | 186 |  |  |
| I can name the planets in the Solar System. 🞎 | 192 |  |  |
| I know that gravity is the force which acts on objects and pulls them towards the centre of the Earth | 194 |  |  |
| I know the force of gravity on objects is called weight. 🞎 | 198 |  |  |
| I know that I would weigh less on the Moon than I do on the Earth. 🞎 | 199 |  |  |
| I can describe why unmanned space probes are used. | 204 |  |  |

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| **LEVEL 6** | **Page** | **I can do this well** | **I need to revise this** |
| I can describe why we have the seasons. 🞎 | 188 |  |  |
| I can describe the phases of the Moon. 🞎 | 190 |  |  |
| I know that gravity acts everywhere in the Solar System including on the Earth or on the Moon | 194 |  |  |
| I know that mass and weight are different and I can give examples of each. | 198 |  |  |
| I know the difference between a natural and an artificial satellite. 🞎 | 200 |  |  |
| I know why we are exploring space. | 202,204 |  |  |
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| **LEVEL 7** | **Page** | **I can do this well** | **I need to revise this** |
| I understand that gravity pulls all objects together and what the size of the force depends on. | 194 |  |  |
| I can describe how mass and weight are different and how gravity causes weight. | 198 |  |  |
| I can use information to compare gravity and explain why weight is different on different planets. | 199 |  |  |
| I can describe some uses of satellites. 🞎 | 200 |  |  |
| I can describe how spacecraft are launched. 🞎 | 202 |  |  |
| I know some of the benefits of using a space telescope. | 204 |  |  |

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| **LEVEL 8** | **Page** | **I can do this well** | **I need to revise this** |
| I understand the relationship between evidence and scientific ideas and recognise that these are applied to develop our understanding of the structure of the Solar System. 🞎 | 192 |  |  |
| I can explain how gravity keeps planets and satellites in position. 🞎 | 194 |  |  |
| I can describe how the forces on rockets or satellites change as they travel away from the Earth. | 202 |  |  |
| I can explain some of the factors that limit space exploration. 🞎 | 202,204 |  |  |
| I understand why the relationship between ideas and evidence changes and can apply this to the role of artificial satellites and probes in space exploration. | 205 |  |  |