Command module landing investigation planner

**Year 6**

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| **What are you going to investigate?** Can you write it as a question? | **What do you predict will happen? Why?**Give scientific explanations for your prediction. |
| **To make this a fair test what things (variables) are you going to:** |
| **Change?** Change only one thing. | **Measure?** What would the change affect? | **Keep the same?** Which variables will you control? |
| **Describe how you will set up your investigation** Write, draw or upload a photo of your drawing.Consider what your command module will look like, what you will put in it to mimic the weight of the astronauts and equipment, and your parachute design. |
| **What equipment will you need?** Use dot points and/or diagrams. |
| **Write and draw your observations in your science journal.** |

**Recording and presenting results**

Record your results in a table.

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| **Parachute design** | **Drop time Test 1** | **Drop time Test 2** | **Drop time Test 3** |
| Design 1 (describe) |  |  |  |
| Design 2 (describe) |  |  |  |
| **Average drop time** |  |  |  |

**Explaining results**

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| Which parachute design had the slowest drop time? Why do you think that happened? |
| Did the result match your prediction? Explain why and how it was different. |

**Evaluating the investigation**

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| What challenges did you experience doing this investigation? |
| How did you, or could you, overcome them? |
| How could you improve this investigation? (fairness/accuracy) |