**Drop it worksheet**

Advantages and Disadvantages – Drones

|  |  |
| --- | --- |
| Advantage | Disadvantage |
| Unmanned | Distance |
|  |  |
|  |  |
|  |  |

Advantages and Disadvantages – Parachutes

|  |  |
| --- | --- |
| Advantage | Disadvantage |
| Simple Tech | Accuracy |
|  |  |
|  |  |
|  |  |

Chosen method of Delivery …………………………………………

Add your sketch ideas here

Now **Develop** your ideas – remember to **annotate** your sketches.

What are the best features from your designs that you want to keep?

What else? What other **details** could you add to make your design **function well**? For example, a delivery beacon, cushioning landing method, security details etc.

**Final Design** – make this the best drawing you can do. Include detailed annotation showing materials, how it works and any special features.

User Testing and Feedback – show your designs to a variety of people and note down their opinions/comments.

|  |  |
| --- | --- |
| Person | Feedback Comments |
| Parent |  |
| Teacher |  |
| Classmate |  |
|  |  |
|  |  |

Now evaluate the comments and try to sum up the best bits of your designs and any areas for improvement.

**WWW - (What Went Well)**

**EBI – (Even Better If)**