|  |  |  |
| --- | --- | --- |
| **Antenna 1** | **Antenna 2** | **Antenna 3** |
| Me: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | #1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | #1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| My partner: \_\_\_\_\_\_\_\_\_\_\_\_\_ | #2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | #2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Baseline test:**

Identify four or more variables you will hold constant in your baseline test.

Briefly explain why you think each is relevant.

**Data**

|  |  |  |  |
| --- | --- | --- | --- |
| **Time** | **Signal Strength** | | |
| **Antenna 1** | **Antenna 2** | **Antenna 3** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Key conclusions**

**Test 1:**

Identify a variable you will change

Briefly explain why you think the change is relevant.

**Data**

|  |  |  |  |
| --- | --- | --- | --- |
| **Time** | **Signal Strength** | | |
| **Antenna 1** | **Antenna 2** | **Antenna 3** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Key conclusions**

Did your results match your expectations?

**Test 2:**

Identify a variable you will change

Briefly explain why you think the change is relevant.

**Data**

|  |  |  |  |
| --- | --- | --- | --- |
| **Time** | **Signal Strength** | | |
| **Antenna 1** | **Antenna 2** | **Antenna 3** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Key conclusions**

**Test 3:**

Identify a variable you will change

Briefly explain why you think the change is relevant.

**Data**

|  |  |  |  |
| --- | --- | --- | --- |
| **Time** | **Signal Strength** | | |
| **Antenna 1** | **Antenna 2** | **Antenna 3** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Key conclusions**