**Activity 1: How do butterflies drink?**

**Kit required:**

|  |  |
| --- | --- |
| **Amount** | **Equipment** |
| 1 | Cellotape |
| 1 | Pack of felt tip pen |
| 5 | Large straws |
| 5 | Medium straws |
| 1 | Petri dish |
| 1 | Red food colouring |
| 5 | Tiny straws in resealable bag |

**Activity 2: Can you smell as well as a shark?**

**Kit required:**

|  |  |
| --- | --- |
| **Amount** | **Equipment** |
| 1 | Sachets of perfume |
| 5 | Plastic jar and lid |
| 1 | One litre capacity jug |

**Activity 3: Why do slugs and snails need slime?**

**Kit required:**

|  |  |
| --- | --- |
| **Amount** | **Equipment** |
| 2 | Bowls 125G |
| 1 | Cornflour |
| 2 | Small pipettes (1ml) |
| 1 | Toothpaste |

**Activity 4: Do you see what I see?**

**Kit required:**

|  |  |
| --- | --- |
| **Amount** | **Equipment** |
| 1 | String |
| 1 | Protractor |
| 3 | Objects of same colour |
| 3 | Colour paddle |
| 1 | Cellotape |

**Activity 5: The Lemon Battery**

**Kit required:**

|  |  |
| --- | --- |
| **Amount** | **Equipment** |
| 1 | Lemon juice |
| 1 | Teaspoon |
| 1 | Lemon Battery |

**Activity 6: Don’t blow it!**

**Kit required:**

|  |  |
| --- | --- |
| **Amount** | **Equipment** |
| 1 | Ruler |
| 1 | String |
| 1 | Calculator |
| 5 | Balloons |

**Activity 7: Can you beat the test?**

**Kit required:**

|  |  |
| --- | --- |
| **Amount** | **Equipment** |
| 1 | Stopwatch |
| 1 | Stroop test word card |

**Activity 8: The marvellous colour-changing cabbage**

**Kit required:**

|  |  |
| --- | --- |
| **Amount** | **Equipment** |
| 1 | Washing powder |
| 1 | Vinegar |
| 6 | Large pipettes |
| 10 | Filter paper |
| 1 | Baking powder |
| 5 | 100ml beakers |

**Activity 9: What’s the best way to clean up an oil spill?**

**Kit required:**

|  |  |
| --- | --- |
| **Amount** | **Equipment** |
| 2 | 250ml bowl |
| 1 | Cotton wool in resealable bag |
| 1 | Hydrophobic sand in resealable bag |
| 1 | Olive oil |
| 1 | Polyester in resealable bag |
| 1 | Sand in resealable bag |

**Activity 10: Why do leaves change colour in the Autumn?**

**Kit required:**

|  |  |
| --- | --- |
| **Amount** | **Equipment** |
| 1 | Pack of cocktail sticks |
| 1 | Nail varnish remover |
| 1 | Pack of pencils |
| 1 | Scissors |