**Keep the Heat Testing**

Trials:

* Volume: 100, 125, 150, 175, or 200mL of water
* Temperature: 60 – 90°C
* Time: 20 – 40 minutes

**Trial #1**

Starting Temp.: \_\_\_\_\_\_\_\_\_\_ Volume: \_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Time (min) | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 40 |
| Temp.(°C) |  |  |  |  |  |  |  |  |  |  |  |

Change in Temp. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Trial #2**

Starting Temp.: \_\_\_\_\_\_\_\_\_\_ Volume: \_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Time (min) | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 40 |
| Temp.(°C) |  |  |  |  |  |  |  |  |  |  |  |

Change in Temp. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Trial #3**

Starting Temp.: \_\_\_\_\_\_\_\_\_\_ Volume: \_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Time (min) | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 40 |
| Temp.(°C) |  |  |  |  |  |  |  |  |  |  |  |

Change in Temp. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Trial #4**

Starting Temp.: \_\_\_\_\_\_\_\_\_\_ Volume: \_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Time (min) | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 40 |
| Temp.(°C) |  |  |  |  |  |  |  |  |  |  |  |

Change in Temp. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Trial #5**

Starting Temp.: \_\_\_\_\_\_\_\_\_\_ Volume: \_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Time (min) | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 40 |
| Temp.(°C) |  |  |  |  |  |  |  |  |  |  |  |

Change in Temp. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Trial #6**

Starting Temp.: \_\_\_\_\_\_\_\_\_\_ Volume: \_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Time (min) | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 40 |
| Temp.(°C) |  |  |  |  |  |  |  |  |  |  |  |

Change in Temp. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Trial #7**

Starting Temp.: \_\_\_\_\_\_\_\_\_\_ Volume: \_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Time (min) | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 40 |
| Temp.(°C) |  |  |  |  |  |  |  |  |  |  |  |

Change in Temp. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Trial #8**

Starting Temp.: \_\_\_\_\_\_\_\_\_\_ Volume: \_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Time (min) | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 40 |
| Temp.(°C) |  |  |  |  |  |  |  |  |  |  |  |

Change in Temp. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_