**Beat the Heat data collection sheet**

|  |
| --- |
| Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Group \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  |  |  |  |  |
|  |  |  |  |  |
| **Water and ice** |  |  |  |  |
|  |  |  |  |  |
| Volume of water added | \_\_\_\_\_\_\_\_\_\_ |  |  |
| Mass of beaker  | \_\_\_\_\_\_\_\_\_\_ |  |  |
| Mass of beaker and ice | \_\_\_\_\_\_\_\_\_\_ |  |  |
| Mass of ice |  | \_\_\_\_\_\_\_\_\_\_ |  |  |
| Freezer temp. |  | \_\_\_\_\_\_\_\_\_\_ |  |  |
| Water temp., initial | \_\_\_\_\_\_\_\_\_\_ |  |  |
| Volume of water, conclusion | \_\_\_\_\_\_\_\_\_\_ |  |  |
|  |  |  |  |  |
| **Water and rocks** |  |  |  |  |
|  |  |  |  |  |
| Volume of water added | \_\_\_\_\_\_\_\_\_\_ |  |  |
| Mass of rocks (3) | \_\_\_\_\_\_\_\_\_\_ |  |  |
| Freezer temperature |  | \_\_\_\_\_\_\_\_\_\_ |  |  |
| Water temperature |  | \_\_\_\_\_\_\_\_\_\_ |  |  |
| Volume of water, conclusion | \_\_\_\_\_\_\_\_\_\_ |  |  |
|  |  |  |  |  |
| Time (min.) |  Ice (°C) | Rocks (°C) |  |  |
| 0 |   |   |  |  |
| 2 |   |   |  |  |
| 4 |   |   |  |  |
| 6 |   |   |  |  |
| 8 |   |   |  |  |
| 10 |   |   |  |  |
| 12 |   |   |  |  |
| 14 |   |   |  |  |
| 16 |   |   |  |  |
| 18 |   |   |  |  |
| 20 |   |   |  |  |
| 22 |   |   |  |  |
| 24 |   |   |  |  |
| 26 |   |   |  |  |
| 28 |   |   |  |  |
| 30 |   |   |  |  |