**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 |  |  |  |  |