Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Ectotherm ER: Histogram Worksheet**

**Teacher Answer Key:** In several temperature bins along the x-axis, students will have both sun and shade data to plot. They can plot them side by side within the same bin. For example see ‘Bin 12.1-16°C.’

Student tally marks for each bin should be:

|  |  |
| --- | --- |
| **Sun Frog** | |
| Temp. Bin | Count |
| 0 - 4 | 0 |
| 4.1 - 8 | 0 |
| 8.1 - 12 | 0 |
| 12.1 - 16 | 4 |
| 16.1 - 20 | 7 |
| 20.1 - 24 | 5 |
| 24.1 - 28 | 2 |
| 28.1 - 32 | 2 |
| 32.1 - 36 | 3 |
| 36.1 - 40 | 2 |

|  |  |
| --- | --- |
| **Shade Frog** | |
| Temp. Bin | Count |
| 0 - 4 | 0 |
| 4.1 - 8 | 0 |
| 8.1 - 12 | 0 |
| 12.1 - 16 | 3 |
| 16.1 - 20 | 8 |
| 20.1 - 24 | 6 |
| 24.1 - 28 | 8 |
| 28.1 - 32 | 0 |
| 32.1 - 36 | 0 |
| 36.1 - 40 | 0 |