Science – Home learning task for week beginning 23 March 2020

Our question:

How does the length of a shadow change over a day?

On a sunny day place a stick or pole in the ground and measure the length of the shadow every hour. You could also note down the compass direction of the shadow.

Record your results in the table below:

|  |  |  |
| --- | --- | --- |
| **Time of Day** | **Length of shadow(cm)** | **Direction of shadow** |
| 9am |  |  |
| 10am |  |  |
| 11am |  |  |
| 12 noon |  |  |
| 1pm |  |  |
| 2pm |  |  |
| 3pm |  |  |

Give a brief description of your results and explain what has happened to the shadow and why.