Friday 26th March 2020

Science: This term we have been exploring light and shadows.

**Activity:**

Using a light (e.g. torch, lamp or phone light), please can you create a dark room and ask the children to find what makes shadows.

Please can they write down the different objects that cause the light to create a shadow.

Shadow – A shadow is formed when a ray of light is blocked by an opaque object.

Opaque – Something that you cannot see through.

**Table:** Use this table to help you in your investigation and write down what you see (observe). (Print or Write down your answers on paper)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Object:  | What happens when I move the light away from the object?  | What happens when I move the light towards the object? | What happens when you move the light above the object?  | What happens when you move the light below the object? |
| 1.  |  |  |  |  |
| 2.  |  |  |  |  |
| 3.  |  |  |  |  |

Conclusion –

* What patterns did you notice?
* What happens to the shadow when you change its position?
* Is it the same for each object?