|  |  |  |
| --- | --- | --- |
| **Date: Tuesday 9th February 2021 SCIENCE**  **L.O. How are shadows formed?** | **SA:** | **TA:** |

**Complete the sentences below:**

Transparent objects \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Opaque objects \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Investigation: Can I find objects around me which are opaque and transparent?**

**Results:**

|  |  |
| --- | --- |
| **Opaque Objects**  **(light rays cannot pass through)** | **Transparent Objects**  **(light rays can pass through)** |
|  |  |

Shadows are made when:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Investigation: Can I find objects around me which make a shadow?**

**Results:**

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| --- |
| I found these objects which make a shadow: (draw and label) |