

## Year 2 Science



Week commencing Monday 11<sup>th</sup> May 2020.

This week's science question is What material is best for letting light through?

We have been sent some evidence from a scientist who makes mistakes sometimes. He was trying to find out which type of material would be best for a new windscreen in a racing car. We need to decide if his tests were any good and if we agree/disagree with what he has found out.

He used a torch to shine through different materials. He used plastic, aluminium foil, glass, paper and wood. He said the glass let too much light in so he used two layers of it but in the end he decided that plastic was the best one for letting the most light through. Do you agree? At home try to shine light through different materials and decide which one you think is the best to use to make a windscreen for a racing car. Use these ones or others that you think would be good.

### Scientists results

| Type of material | Amount of light passed through |
|------------------|--------------------------------|
| Glass            | Some                           |
| Plastic          | Lots                           |
| Aluminium foil   | Some                           |
| Wood             | None                           |
| Paper            | Lots                           |

### Your results

| Type of material | Amount if light passed through |
|------------------|--------------------------------|
|                  |                                |
|                  |                                |
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|                  |                                |