

Tuesday 1st October 2019
I can carry out an investigation

Distance between light source and object (cm)	Length of Shadow (cm)
10	60 cm 71 cm
20	45 68 cm
30	6 66 cm
40	60 cm
50	45 cm
60	42 cm

We found out that the further the torch had went further away the less light will be able to get to the object.

I think this happened because light travels ~~now~~ around the opaque object and eventually ~~we~~ when the light is so far from the card it has more space to travel and also because light travels in a straight line.

Next time we could change the way we hold them so we could have a stand to have it holding up the opaque object or we could change the way someone holds the torch.

We could improve the way someone stands to hold the object, torch or even a different way of measuring the shadow.