

# Safety Lamp Investigation Sheet



Sir Humphry Davy, inventor of the safety lamp, has asked for your help! He has invented a lamp, quite similar in appearance to the paper one you have made, but the miners are complaining they cannot get enough light. So you must put a window in the lamp and cover it with a material through which light can be seen.

## The equipment I will use

**Fair test alert!** To make my investigation fair I must

## Prediction

Mark your predictions on the **light line** in order, showing which you think you will let the most light through, and which will let the least.



## Results

Mark your results on the **light line** in order, showing which let the most light through, and which let the least.



## Conclusion

The material which would be good for the window of the safety lamp was

This is because it is the most  
(circle your answer)

opaque

transparent

translucent

