

Science M2 WALT: recognise that shadows are formed when the light from a light source is blocked by a solid object

Science - SC1 - M2 WALT: ask relevant questions, set up simple practical enquiries and report on findings

Scenario:

During the war, everyone had to cover their windows and doors at night to prevent light from escaping. If light escaped then enemy aircraft were able to see towns and cities during their bombing raids.



Which material is the best for making blackout curtains?

Material	Prediction: opaque, transparent, translucent?	Is it?		
		Transparent	Translucent	Opaque
black card	opaque			✓
crepe paper	translucent		✓	
dark fabric	translucent			✓
dark tissue	transparent		✓	

Conclusion

I found out that black card was the best material for blackout curtains because its dark and opaque. The dark tissue and crepe paper was not good because they were translucent so the germans would be able to see.

Super Bella.