

	Working Towards	Working At	Working Above
I know that light can be reflected from some surfaces.	I can sort materials into reflective and non-reflective.	I know that reflection happens when light bounces off surfaces.	I can explain the uses of reflective surfaces and how they can be used in society.
I can explain how shadows are formed.	I notice shadows and can change their appearance.	I know how shadows are formed.	I can explain how shadows change size,
I understand that different objects allow a different amount of light through them.	I can experiment with torches different materials to see how much light they allow through.	I know the terms transparent, translucent and opaque and can define these in simple terms.	I can explain why materials which are opaque, transparent or translucent may be used in certain areas.
I know that magnets can either attract or repel and can name some magnetic objects.	I can sort materials into groups based on whether or not they are magnetic.	I can predict whether two magnets will attract or repel each other based on which way that are facing.	I identify some common magnets.
I can design a product fit for a purpose for a specific person.	I can draw some ideas for what will be on my design	I can design a product, explaining the materials I have used for specific parts.	I can design a product fit for purpose, explaining why I have chosen to use certain materials.
I can use a variety of materials to create a product that I have made	With support, I can select an appropriate tool to help create my product.	I can select and use a wide range of tools and materials according to their functional properties.	I can choose and utilise the best materials for the job required.
I can evaluate a product which I have made.	I can say what I liked and disliked about my final product	I can say what worked well with my product and what I would do differently next time.	I can make suggestions as to how I would improve my product to make it better fit the design brief.

