

Planning Sheet for Focused Science 1 Assessment

QCA Unit: 1A Ourselves	Eye colour/hair colour
Scientific Enquiry Focus: Strands: Obtaining and presenting, Considering and Evaluating Evidence Representing data as building block towers Interpreting this representation	
Learning Objectives: <ul style="list-style-type: none"> • To be able to represent how many people are in a category with building blocks • To answer simple questions about the representation correctly 	
Differentiated Activity: Context: Investigating the similarities and differences between humans by collecting information about eye colour, hair colour, shoe size Higher attainers- After working with the group, challenge children to make their own similar representation of a different feature. Ask questions with a higher maths demand, e.g. Can you tell me how many more children have brown eyes, than green eyes? Middle attainers – Ask : “ How many children have dark brown hair? Can you tell me which colour eyes we have most of in this group? Lower attainers – Ask simpler questions such as ”Can you point to the biggest tower? Is that for children who have brown eyes or blue eyes?”	
Key Questions: <ul style="list-style-type: none"> • What does this tower show? • Why have we put 3 blocks here? • I have brown hair – where should I put my block? 	
Sc1 Assessment indicators: W – Children are not yet clear about how the towers represent the data, but are able to put a block to represent their own hair colour in the right place with some help. L1- Children’s actions and responses to questions show that they understand how the block towers represent the number of children in each category. L2- Children were able to construct a set of towers to represent their data independently and can explain what each tower represents, making comparisons.	