



<b>Topic:</b> Properties and changing materials	<b>Year 5</b> Age 9-10	<b>Title:</b> Sugar cube results tables
<b>Enquiry Focus</b> <b>Do:</b> Gather and record data of increasing complexity using tables		<b>Concept Context</b> Know that some materials will dissolve in a liquid to form a solution.

**Example**

Children were asked to record data in their own table when investigating sugar cube stacks (see [TAPS lesson plan](#)).



Types of Materials	Time it takes to fall	Try 1	Try 2	Try 3
Dish-Cloth	36 secs		secs	
Tin foil	48 secs		secs	
Make up remover pad	25 secs		secs	

Out of time

	Try 1	Try 2	Average
Time for 3 cubes	18.53	15.53	17.03

Size of container	1st try	2nd try	3rd try
Small container	35.09 sec	36.72 sec	33.18
Medium container	36.87 sec	23 sec	34.69 sec
Big container	1:01.75 min	49.66 sec	ran out of time

Children meeting the objective would be able to record results in a table which could be understood by someone who was not in their group. They recognise the need for repeat readings (even if they ran out of time to record them).

Next steps for these children are to state the units in the table title (rather than the body of the table).