



Name: _____

Student booklet
(1st year of cycle 1)



Nice, but Hot!

It's summer. The day dawns hot and sunny. You have the choice of wearing a black shirt or a white one. How will you make an informed choice?

Your mission

You have to discover which shirt will be more comfortable on very hot, very sunny days.

Using a drawing, describe what you have to do.



Initial ideas

When it is very hot and very sunny, a comfortable shirt has the following characteristics:



My hypothesis



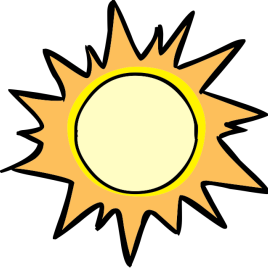
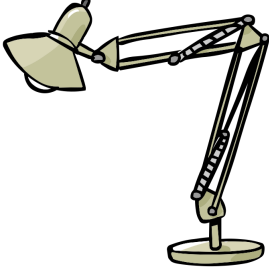



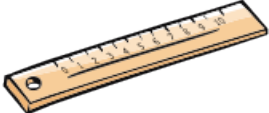


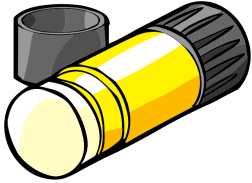





The shirt is more comfortable than the shirt.



I think that because:

Planning and carrying out
I need the following materials:



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<input type="checkbox"/> 	<input type="checkbox"/> 	<input type="checkbox"/> 	<input type="checkbox"/> 
<input type="checkbox"/> 	<input type="checkbox"/> RED 	<input type="checkbox"/> BLUE 	
<input type="checkbox"/> 	<input type="checkbox"/> 	<input type="checkbox"/> 	

Planning and carrying out
My process

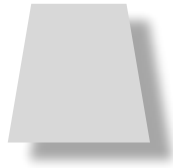
Use the thumbnails to show the main steps.



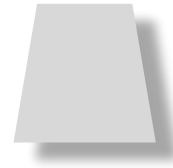
Planning and carrying out
The results



Sample 1



Sample 2



Outcome



Does your **result** confirm your **hypothesis**?

YES

NO

Why?

Name an unforeseen event or a problem encountered:

To improve the experiment I would:



Outcome
What I learned



My definition



Heat: _____

Hypothesis: _____

Temperature: _____

Thermometer: _____

What else did you learn?

Thumbnails to cut out

