

## Scientific Data – Student Activity

We love our sunburnt country but droughts and flooding rains affect our landscape. When we discuss changes in climate we cannot just give general statements such as "I think it is getting drier" or "This must be a drought". We need to give information and measurements in a way that can be understood the same way by everyone across the world.

Science requires data (information and measurements) that can be:

**OBSERVED** using four of your five senses. Which four senses do we use? \_\_\_\_\_

Which sense do we not use and why? \_\_\_\_\_\_

**MEASURED** using objective measurements and not subjective measurements. Subjective measurements describe the feelings and ideas of each particular person. They aren't necessarily the same for everyone. E.g. big and small, nice and nasty or hot and cold.



Which elephant is big and which elephant is small?



Which elephant is big and which is small this time? \_\_\_\_

