

Name \_\_\_\_\_



## Think Ink - PPP - Student Worksheet

### Think Ink - Palms Parent Power!

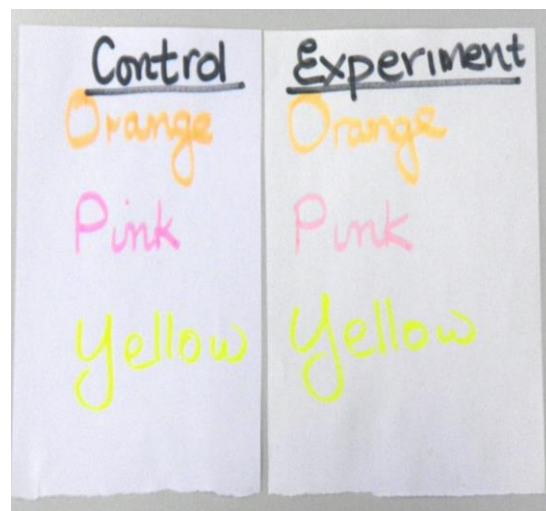
We have been experimenting to demonstrate that sunlight is energy, because it changes things.

When we test things we split them into two groups. One is left unchanged so we can use it to measure the effect of what we are testing. This is called the **CONTROL**. The other half is the **EXPERIMENT**. We only test for one thing at a time so any difference must be due to the thing we have changed (in this case exposure to sunlight or not).

In class we conducted an experiment to see how exposure to sunlight affected different types of paper.

As a follow up to this perhaps you would like to investigate how exposure to sunlight affects different coloured papers or highlighter pens.

On the left we have two identical columns of Post-it Notes. This is spilt down the middle and one half is placed outside on two sunny days. On the right we have a similar test with different



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coloured ink being tested by half being exposed to the sun.

This is also a great time to consider if you have any other evidence at home that energy in sunlight changes things. Examples may include faded curtains or bleached cloth