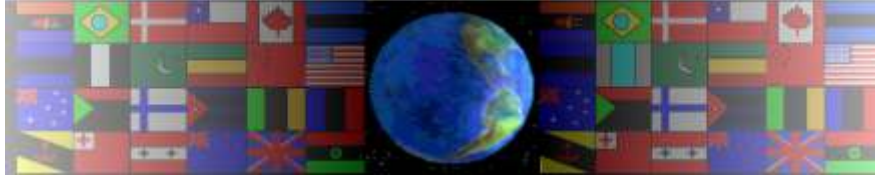


PHOTOCHROMIC INK

V.Ryan © 2000 - 2011

On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

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PHOTOCHROMIC INK

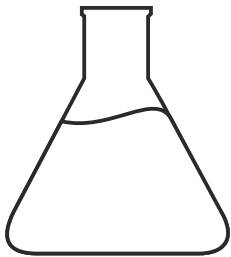
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1. What is photochromic ink?

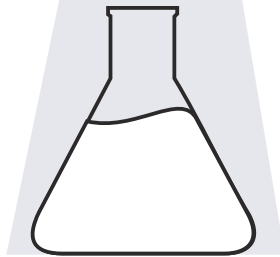
2. The three diagrams below, show a UV light torch shining ultra violet light on a test tube filled with photochromic ink.

What will happen to the ink when the light is switched on?

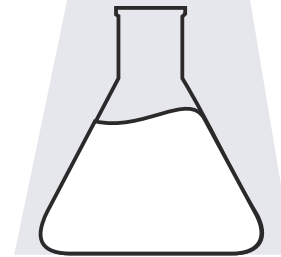
3. Complete the diagram, by adding shade to represent what happens to the ink, after the time scale written below each diagram.



NO UV LIGHT



5 SECONDS OF UV LIGHT



15 SECONDS OF UV LIGHT

4. With the aid of a sketch / sketches and notes, describe a practical application of photochromic inks.

SKETCH / SKETCHES

NOTES:
