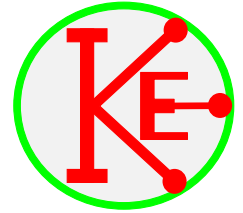


## 13 Colour1



### EQUIPMENT

- Cocktail sticks
- Pritt-Stik type glue
- Scissors
- Sellotape
- Colouring pencils/pens.
- Cardboard for spinner base.

### RISKS

Paper cuts.

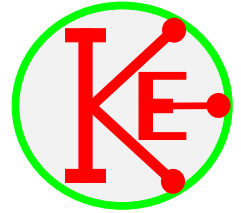
Scissor cuts.

Stab and splinter injuries from cocktail sticks

### SESSION

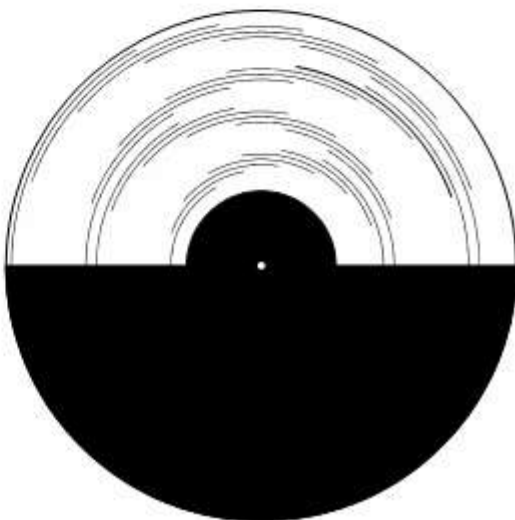
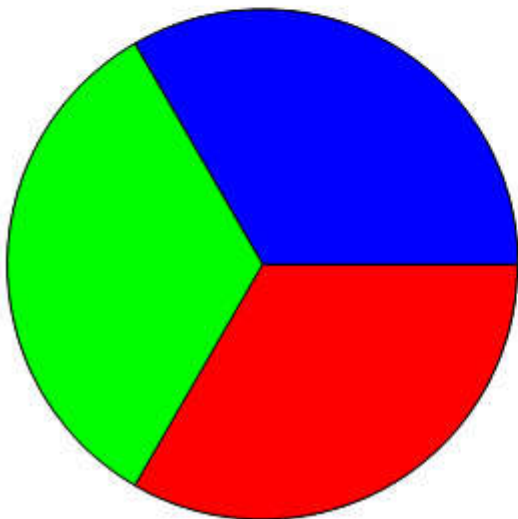
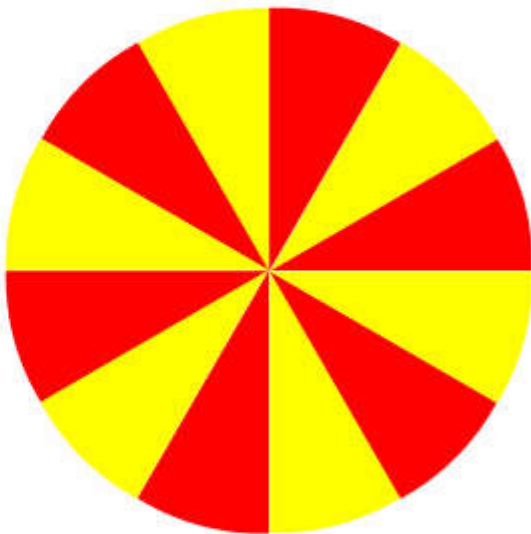
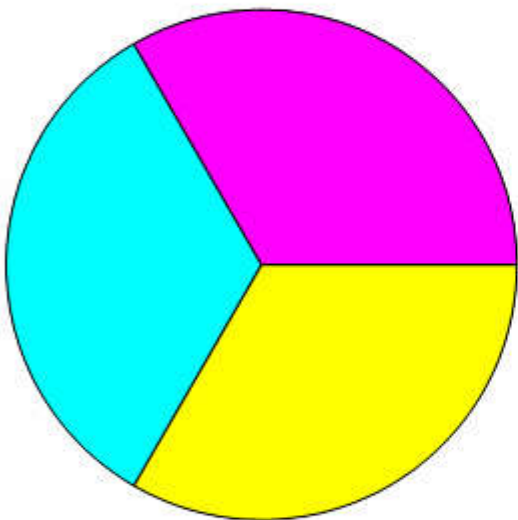
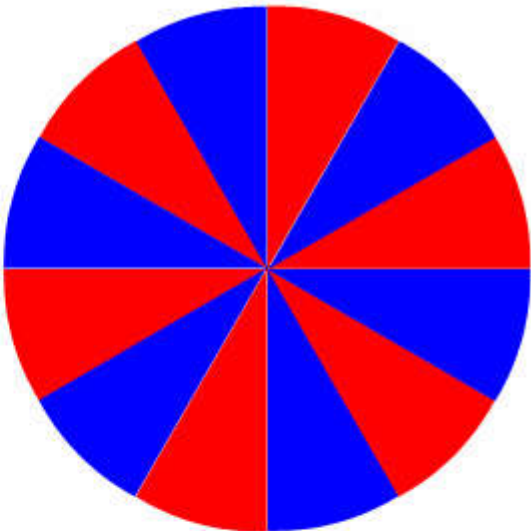
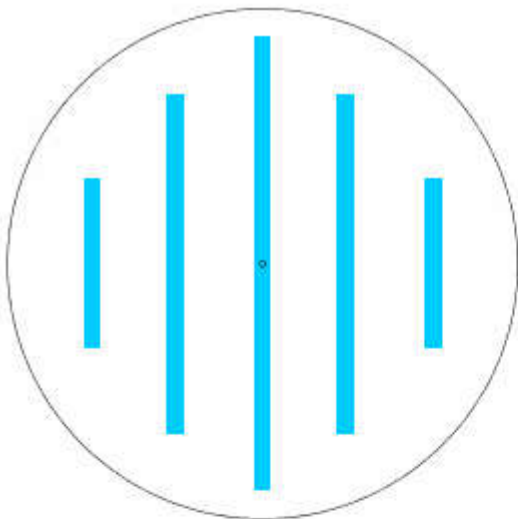
- 1). What is colour?  
What is white light?
- 2). Rainbows  
Show white light being split with a prism and diffraction grating.
- 3). Discuss the Eye.  
How does the eye see colour?
- 4). Discuss colour television screen. Show pixels - Magnifying glass.
- 5). Discuss/show colour addition.
- 6). Students cut out spinner base.  
?Students wrap Sellotape around top of half cocktail stick?  
Students glue spinner base to cocktail stick.
- 7). Students cut out and test the coloured disks and describe what they see.

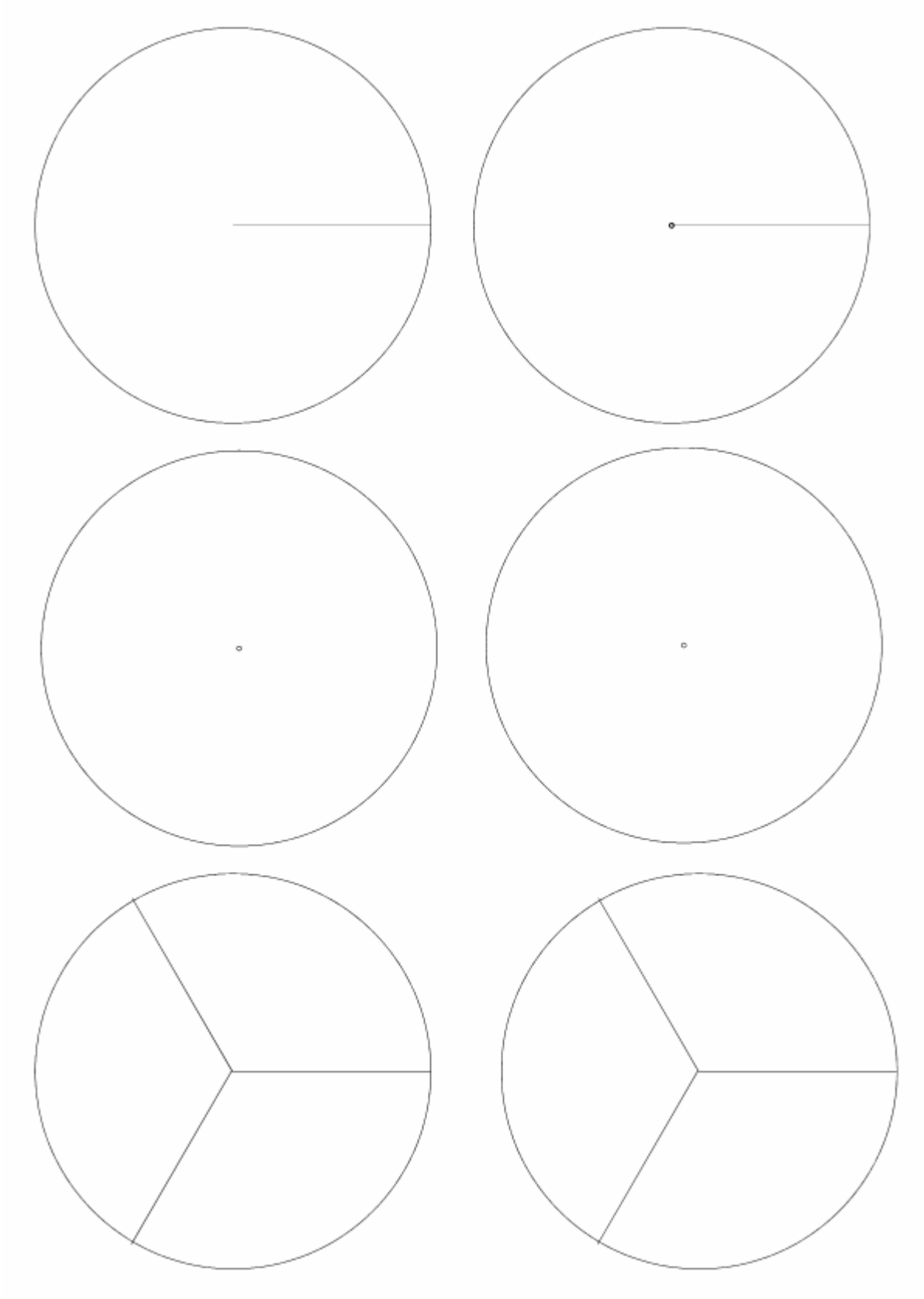
## 13 Colour1

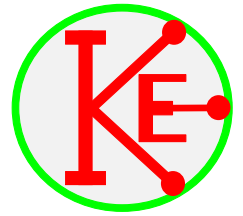


- 1). Carefully cut out the cardboard disc.  
Take the piece of wooden cocktail stick and put some Pritt-Stik around the end with the point.  
CAREFULLY push the pointed end through the centre of the cardboard disc so that 3 to 4mm are pushed through.  
Ensure that the cardboard circle is at right angles to the cocktail stick, and leave to dry.  

This makes your SPINNER.
- 2). Carefully cut out one of the coloured paper discs.  
Make a small hole in the centre of the paper disc with a pencil.  
Put the paper disc onto the spinner.  
Make the spinner spin using your thumb and fingers.  
Write what you see onto the observation sheet.
- 3). Repeat for the other coloured paper circles.
- 4). Carefully cut out one of the blank paper discs.  
Design and colour your own pattern and then spin it on your spinner and observe what happens.  
Record what you see on the back of the observation sheet.
- 5). Repeat with different designs.







NAME: .....

### 13 Coloured disc observations

Disc	Observations
