

## Design and Make a pair of “colour glasses” (suitable for 1<sup>st</sup> – 4<sup>th</sup> classes)

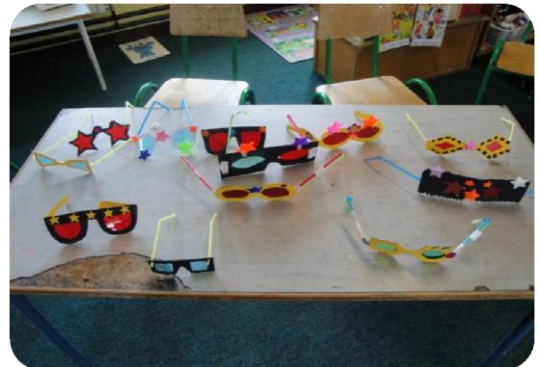
### Strand Unit- Light

- Exploring the relationship between materials and light.

Task: To design and make a pair of sunglasses so that when you wear them you will see things in a different colour i.e. blue things look purple, yellow things look orange etc.

### Materials:

- coloured acetate sheets
- drinking straws
- card
- stapler
- scissors
- materials for decoration



### Exploring

- Explore the different pieces of coloured acetate- look at different coloured objects through them. What do you notice?
- Try overlapping different colour sheets and see the results!
- Examine the different varieties of card and drinking straws.

### Planning

- Draw what your glasses will look like.
- Devise some criteria such as
  - The glasses must make yellow objects appear orange!
  - They must be well made, strong and stay up on my ears!
  - The glasses need to be colourful and attractive.

### Making

- Create your glasses using the selected materials and check in with your criteria.

### Evaluating

- Do the glasses work well?
- Do your colour glasses fulfil the criteria
- How could they be improved or changed? Do my class mates have any ideas?
- Could I make a pair that will allow me to change the colour of the acetate?