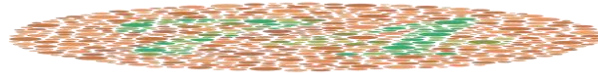


Colour blindness



What does this mean?

Most people with this condition are not totally colour-blind and can easily distinguish between certain colours, especially if they are able to visually compare them.

Most will have difficulty identifying colours without any other reference.

Implications for learning

Areas that rely on colour coding will pose difficulties:

- Difficulty if colour is used to help with learning.
- Problems with food, such as identifying whether meat is fully cooked or whether fruit is ripe.
- Getting medications confused if they're not clearly labelled
- Trouble identifying safety warnings or signs.
- Slightly limited career choices – certain jobs, such as pilots, train drivers, electricians and air traffic controllers, may require accurate colour recognition

Ways to help

- Good quality lighting is essential for distinguish colours – often colours can be leaned where comparisons are given.
- Make use of technology – computers and other electronic devices often have settings you can change to make them easier to use, and there are a number of mobile phone apps available that can help identify colours for you.
- Use a buddy system and be mindful of the issues when setting practical tests.
- Label, patterns and shading rather than, or in addition to using colour.
- Organize a colour palette for the student to memorise colour placement and focus on mediums other than colour e.g. charcoal, textiles, clay.
- Food technology; Support pupil to identify correctly cooked meat etc., distinguish between ripe and unripe fruit and use colourings and decorations correctly.

Other resources

<http://www.colourblindawareness.org/parents/what-to-do-next/>

<http://www.colourblindawareness.org/about-us/online-shop/>

Experience it

<http://www.colourblindawareness.org/colour-blindness/colour-blindness-experience-it/>