

# Colour Blindness Awareness and the Deep Space Diary

## One child in every class

Colour blindness affects one in 12 boys and one in 200 girls. This makes it highly likely that there's a student in your class who is colour blind. This student may not have been diagnosed yet, since colour blind children learn to distinguish colours according to their hue or saturation. This doesn't mean however that they won't still struggle to identify colours accurately, or lack confidence when asked to engage in colour-based activities.

## The Deep Space Diary and colour blind students

The Deep Space Diary contains several activities which incorporate the use of colour. Although these activities have been designed to be as accessible as possible – for example, students may create their own colour scales and colour-coding systems – colour blind students may need additional support. Alternatively, if a student struggles with these activities, it may be an indication that they need to be tested for colour blindness.

Activities that may be challenging for colour blind students are:

- [Activity 2.2: Make-Your-Own Colour Wheel](#)
- [Activity 2.3: Recipe for a Rainbow](#)
- [Activity 2.4: Infrared Selfie](#)
- [Activity 3.1: Blueprint for Space](#)
- [Activity 5.2: Data Detective](#)

## Resources for educators

Supporting Students in STEM with Colour Vision Deficiency: A Short Good Practice Guide published by the Institute of Physics:

[http://www.iop.org/publications/iop/2017/file\\_69322.pdf](http://www.iop.org/publications/iop/2017/file_69322.pdf)

Information for preschool and primary educators:

<http://www.colourblindawareness.org/teachers/pre-school-primary-school/>

Information about a training programme facilitated by Colour Blind Awareness:

[http://www.colourblindawareness.org/wp-content/uploads/2015/05/1-in-every-classroom\\_V6-Flyer-complete.pdf](http://www.colourblindawareness.org/wp-content/uploads/2015/05/1-in-every-classroom_V6-Flyer-complete.pdf)

Other useful resources:

<http://www.colourblindawareness.org/teachers/resources/>

James Webb Space Telescope  
**DEEP SPACE  
DIARY**



Curved House Kids is dedicated to making its resources as accessible and inclusive as possible. We'd love to hear from you if you're working with colour blind or SEND students, and are happy to share your experiences and feedback from using our Discovery Diary programmes. Contact us at [info@curvedhousekids.com](mailto:info@curvedhousekids.com) or on Twitter at [@curvedhousekids](https://twitter.com/curvedhousekids).