

WORKSHEET 10: YEARS 5-6 STAGE 3

Boy or Girl?

Below are the nuclei of two cells. One is from a boy and the other is from a girl. Can you sort out which is which?

- Here's a hint how...
- Look for the two number 1 chromosomes in a cell and colour them in the same
- Then go on to 2, 3 and so on, up to 22
- Try to make each pair the same within itself but to be different to all the other pairs (eg. 1=red and yellow stripes, 2=blue and white stripes etc)
- After you have coloured 22 pairs, you will have 2 chromosomes left
- If they are 2 X chromosomes, the cell belongs to a girl
- If they are an X and a Y chromosome, the cell belongs to a boy

