Instructions

1. Cut out the grid and fold into a ‘Chatterbox’.
2. Ask your partner to choose a scientist, open and close the Chatterbox as you spell out the scientist’s name. Ask your partner to choose a question.
3. Lift the flap to check their answer.

Q1 What is a gene?
A1 A short section of DNA that codes for a protein

Q2 What is a chromosome?
A2 Tightly wound up DNA

Q3 What is a recessive allele?
A3 An allele that only shows if the individual has two copies of the recessive allele.

Q4 What is the phenotype?
A4 The physical appearance of the individual.

Q5 What are alleles?
A5 Different forms of a gene.

Q6 What is meant by a dominant allele?
A6 An allele that always shows even if the individual has only one.

Q7 What is meant by heterozygous?
A7 Two different alleles for the same gene (e.g. Bb)

Q8 What is meant by homozygous?
A8 Two identical alleles for a particular gene (e.g. BB or bb)