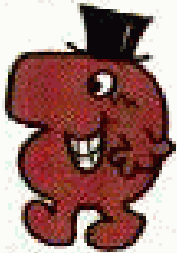
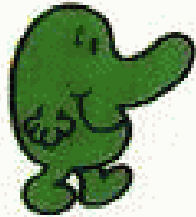


Variation and Inheritance :

The Mr Men Mating Game!



11 Mr Uppity



4 Mr Nosey



2 Mr Greedy



5 Little Miss Tiny



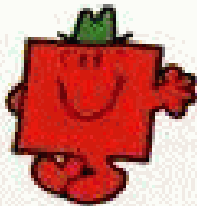
4 Little Miss Sunshine



30 Little Miss Sporty



12 Mr Small



26 Mr Strong



5 Mr Sneeze



13 Little Miss Chatterbox



26 Little Miss Stubborn



19 Little Miss Busy



What did we learn from this?



- Children inherit features from their parents
- If two parents have a certain characteristic then their child may show it even more (e.g. Mr Small + Little Miss Tiny = Mr Very Small!)
- Some things such as glasses, scars and muscles we get from our environment, they are not inherited.



Genetic information

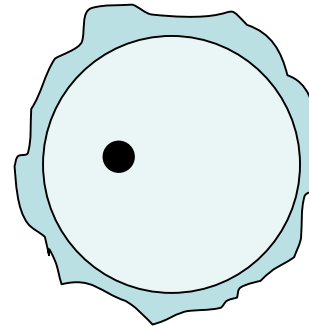


- The instructions that make up a plant or animal comes from their **parents**.
- $\frac{1}{2}$ comes from the **sperm** and $\frac{1}{2}$ from the **egg**
- These instructions are found in the **nucleus** of the cells.
- The instructions for each characteristic are called **GENES**.

Inherited Characteristics

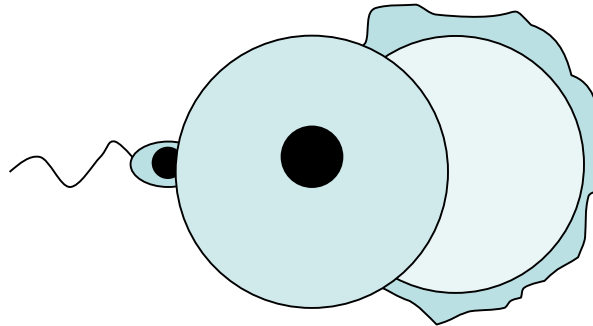


$\frac{1}{2}$ a set of
instructions
for making
your dad



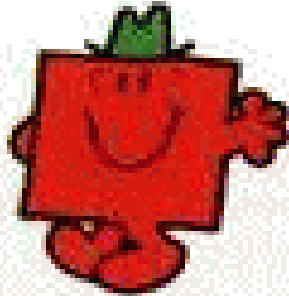
$\frac{1}{2}$ a set of
instructions
for making
your mum

Inherited Characteristics



This cell goes on to develop into...

Inherited Characteristics



26 Mr
Strong



30 Little Miss
Sporty

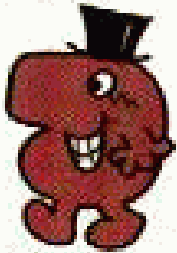
These 'instructions' are called GENES. Each gene codes for a separate CHARACTERISTIC



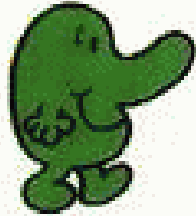
Gene for
blonde hair
from mother

Gene for
skin tone
from father

Meet our Mr Men



11 Mr Uppity



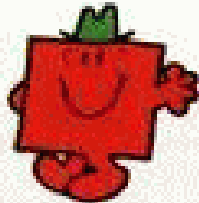
4 Mr Nosey



2 Mr Greedy



12 Mr Small



26 Mr Strong



5 Mr Sneeze

And our Little Misses



5 Little Miss Tiny



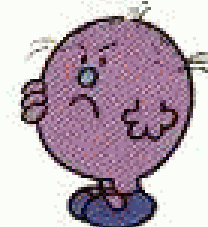
4 Little Miss Sunshine



30 Little Miss Sporty



13 Little Miss Chatterbox



26 Little Miss Stubborn



19 Little Miss Busy

Use these images to match Mr Men and Little Misses and create their offspring. Make sure that you say why you think that their children would look that way.