

Practical - Seed Dispersal

Biology - Key Stage 3

Reproduction - Lesson 11

Mr Wyatt



Identify the variables in each investigation. (the first one has been done for you)

Investigation 1 - Plant Height

Mr Wyatt changed the amount of light each plant received. He made sure the amount of water was kept the same. After 3 days he measured the height of the plants.

Independent (change) - _____

Dependent (measure) - _____

Controlled (keep the same) - _____



Identify the variables in each investigation. (the first one has been done for you)

Investigation 1 - Plant Height

Mr Wyatt changed the amount of light each plant received. He made sure the *amount of water was kept the same*. After 3 days he **measured the height** of the plants.

Independent (change) - amount of light

Dependent (measure) - **height of plants**

Controlled (keep the same) - *amount of water*



Identify the variables in each investigation.

Investigation 2 - Fastest in the Class

Mr Wyatts class measured the time it took them to do a run. They changed the student running each time, and made sure that every student ran the same 100 metres.

Independent (change) - _____

Dependent (measure) - _____

Controlled (keep the same) - _____



Identify the variables in each investigation.

Investigation 3 - Best Paper Aeroplane

Mr Wyatt made some paper aeroplanes. For some, he used small pieces of paper, for some he used larger pieces. He picked a spot to start at, and threw the plane from there. Then he used a tape measure to see how far the plane flew.

Independent (change) - _____

Dependent (measure) - _____

Controlled (keep the same) - _____



Identify the variables in each investigation.

Investigation 4 - Journey to School

Mr Wyatt followed the same route to school each day. He recorded the time it took to get to school. One day he used a car, then he walked, then he used his bike. This was to see which was the fastest.

Independent (change) - _____

Dependent (measure) - _____

Controlled (keep the same) - _____

