

Dispersal:

Wind: Parts of the flower get carried away by the wind

Animals (on fur): Animals pick things up on their fur

Water: Seeds get carried by the flowing water.

Bursting Seed pods: Bursts the seed to a ~~an~~ new location.

Investigating Seed Dispersal

110/05/21

Starter:

Great Effort!

- 1) wind, animals, bursting seed pods etc
- 2) right (100N) because there is more neutrons
- 3) From the soil in the roots, goes up stem and comes out of the leaves.

seed type	time taken to hit floor			
	1	2	3	Mean
Sycamore seed	0:0084	0:0078	0:0082	0:00813

75.

KS3 Investigation sheet

Personal focus from my last investigation

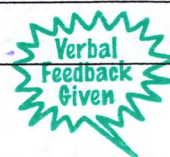
Aim of the Investigation: How long it takes a seed to fall 1 metre

	7B	7B+	7D	7D+	7S	7S+	7P	7P+
	8B		8B+	8D	8D+	8S	8S+	8P 8P+
Variables	Identify either the independent or dependent variable with support		Identify the independent and dependent variables with support		Identify both the independent and dependent variables		Identify both the independent and dependent variables with units	
	Identify one control variable		Identify two control variables in an investigation.		Identify all of the control variables with values		Identify all of the control variables and indicate how you will control them	

Independent variable (changing)

the seed ✓

units



Dependent variable (measuring)

the time it takes for the seed to touch the ground (seconds) ✓

Control variables (keeping the same)

• the length in which the seed is falling (cm)
 You can do this by using a metre stick to measure how high you are dropping it from ✓

(F)

Excellent! ✨

(A) Give ways to extend the investigation further.

	7B	7B+	7D	7D+	7S	7S+	7P	7P+
	8B		8B+	8D	8D+	8S	8S+	8P 8P+
Equipment	Select equipment with support		Select appropriate equipment without support		Explain what the pieces of equipment are used for		Carry out a preliminary test to identify the best measurements to use and explain your findings (write in your exercise book)	

Equipment

- 1 metre stick to measure how far you are dropping the seed from ✓
- seeds to drop and time it from how long it takes to touch the floor
- stop watch to time the seed falling ✓