

WS
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Does a plant need leaves to grow well?

Class 3's challenge – Does a plant need leaves to grow well?

What we think – The more leaves a plant has, the faster it will grow.

What we did –

- We had one plant with five leaves, one with eight leaves, one with ten leaves and one with twelve leaves.
- We put all the plants on the window sill.
- We gave each plant a very small pot of water every day.
- We measured how tall they grew once a week for four weeks.

How we made it fair – We kept the same growing place and gave the plants the same amount of water each time.

Results

Week	Height of our plants in cm				
	3 leaves	5 leaves	8 leaves	10 leaves	12 leaves
Start	15	15	15	15	15
1	15	16	17	17	17
2	16	17	18	19	20
3	16	18	20	22	25
4	17	19	23	25	31

What we found out – The plant with the most leaves grew fastest. The more leaves it has, the faster a plant grows.

Answer these questions:

1. Did Class 3 draw the right conclusions from their results?

2. What could they have done better?
