

TWO TRUTHS & A LIE: FLOWERS



There are about 400,000 known species of flowering plants on Earth

All flowers need insects to be pollinated — wind pollination does not exist.

Flowers are the reproductive part of a plant — their main job is to help the plant make seeds.

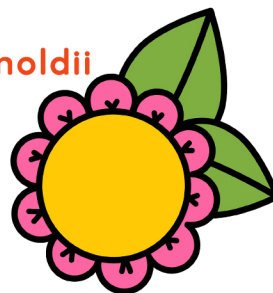
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The *Rafflesia arnoldii* is the largest individual flower on Earth and can grow up to 3 feet wide.

The *Rafflesia arnoldii* smells like rotting meat to attract the flies that pollinate it.

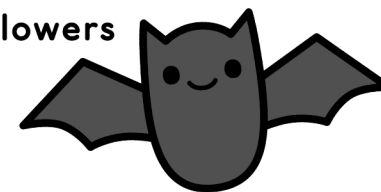
The *Rafflesia arnoldii* grows in North America and blooms every spring.



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Some flowers, like moonflowers and evening primrose, open their petals only at night.



All flowers need sunlight to open — no flower can bloom in darkness.

Night-blooming flowers attract pollinators like moths and bats.

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Many flowers are safe to eat — violets, nasturtiums, and squash blossoms are used in cooking.

Flowers have no nutritional value and are only used for decoration, never food or medicine.

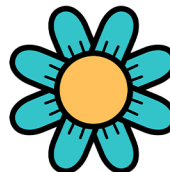


Lavender, chamomile, and echinacea flowers are used in teas and natural medicines.

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All flowering plants produce fruit — every flower turns into a fruit after it is pollinated.



After pollination, seeds can travel by wind, water, animals, or exploding seed pods to find new places to grow.

Many flowers have petal counts that follow the Fibonacci sequence, like lilies, daisies, and buttercups.

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Flowers attract pollinators with their bright colors, shapes, and sweet nectar.



Bees can see all the same colors that humans see, including the color red.

True black flowers are extremely rare — most "black" flowers are actually very deep purple or red.

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