



SUNFLOWERS...

Fascinating Facts

A sunflower only requires 90 to 100 days to grow.
The sunflower plant can grow from 3 to 18 feet tall.
A single Sunflower can have up to 2,000 seeds.
The sunflower seed head forms a spiral.

The sunflower
actually tracks the
sun's position in the
sky. This is called
heliotropism.

I AM MANY

When you look at the yellow petals you're actually seeing the protective leaves that cover the center of the head while it is growing. The brown Centrex of the sunflower is made up of hundreds of individually growing flowers, where a sunflower seed will emerge.

I HELP THE ENVIRONMENT

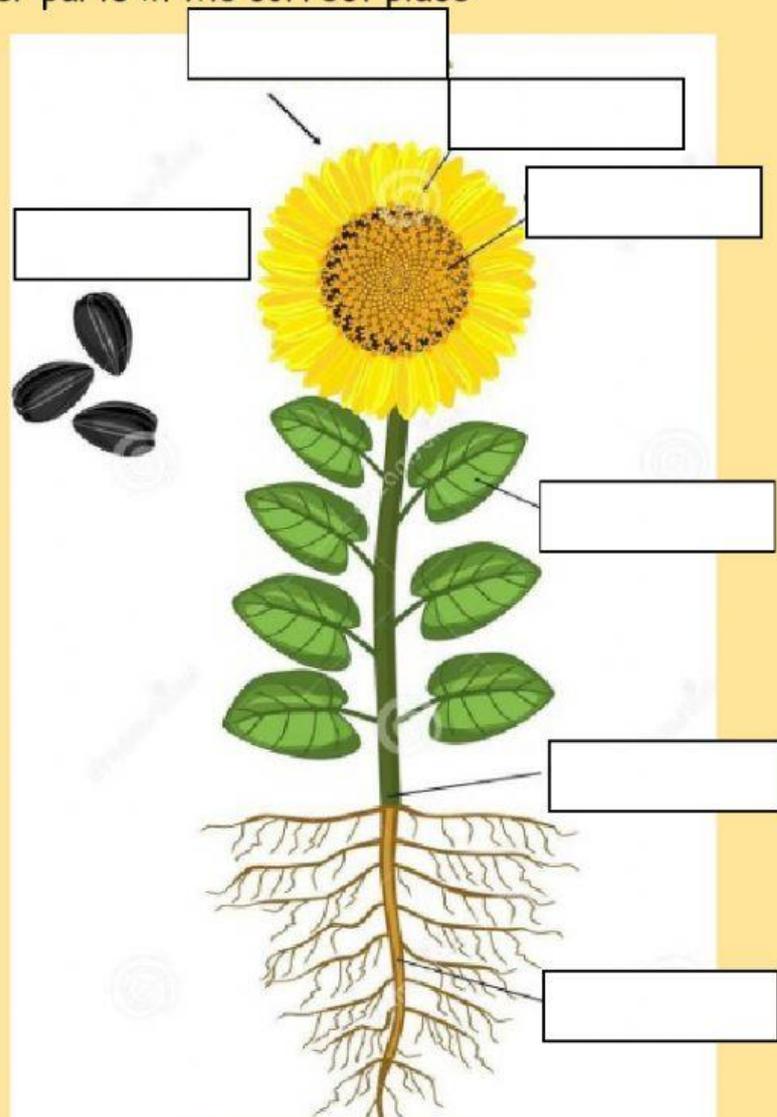
An emerging technology called rhizofiltration, **hydroponically grown sunflowers** are grown floating over water. Their extensive root systems **reach deep into sources of polluted water and extract large amounts of toxic metals**, including uranium. The roots were able to extract 95% of the radioactivity in the water left behind by the accident at Chernobyl.

The tallest sunflower was grown in the Netherlands by M. Heijmf in 1986 and was 25' 5.5" tall.

A) Look and write TRUE/FALSE

- 1) Sunflower plants grow within 90-100 days_____
- 2) A sunflower can be very tall_____
- 3) A single flower hasn't got a great number of seeds_____
- 4) The sunflower doesn't follow the sun position_____
- 5) The yellow petals of the sunflower head form the inflorescence_____
- 6) The brown centre is formed by hundreds of flowers_____
- 7) After Chernobyl, radioactivity was absorbed by roots of sunflowers grown into water_____
- 8) The smallest sunflower was grown in the Netherlands_____

B) Locate the sunflower parts in the correct place



SEEDS

LEAVES

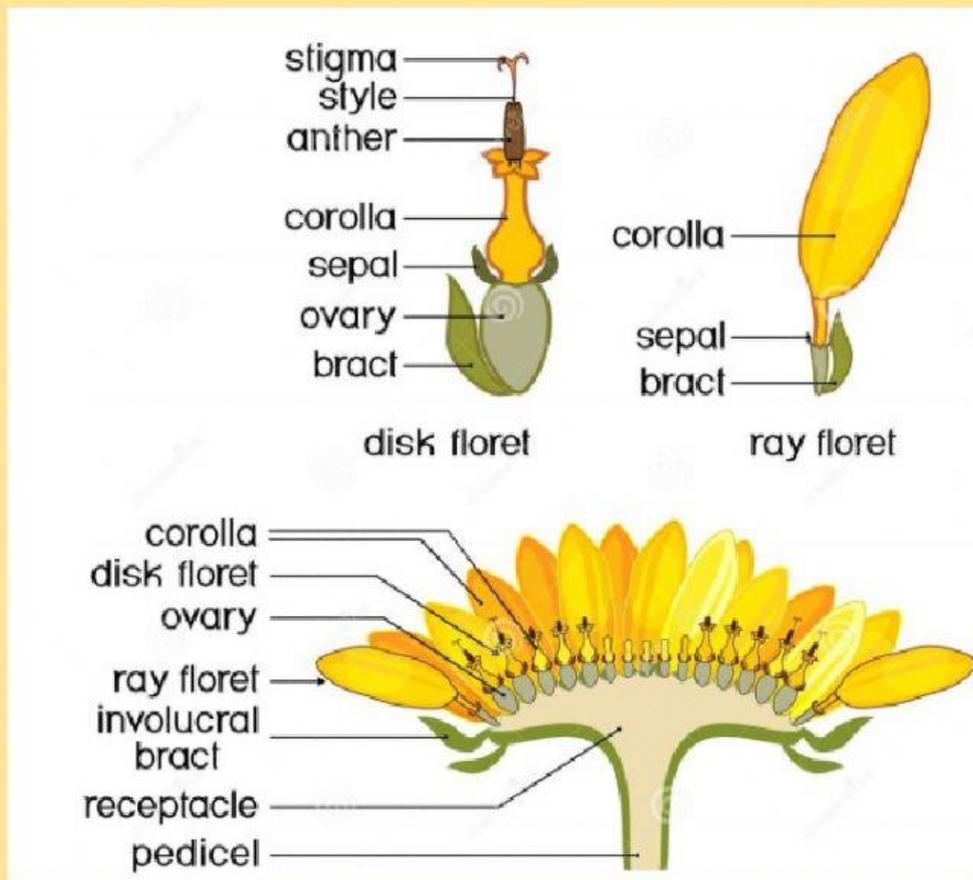
ROOT

STEM

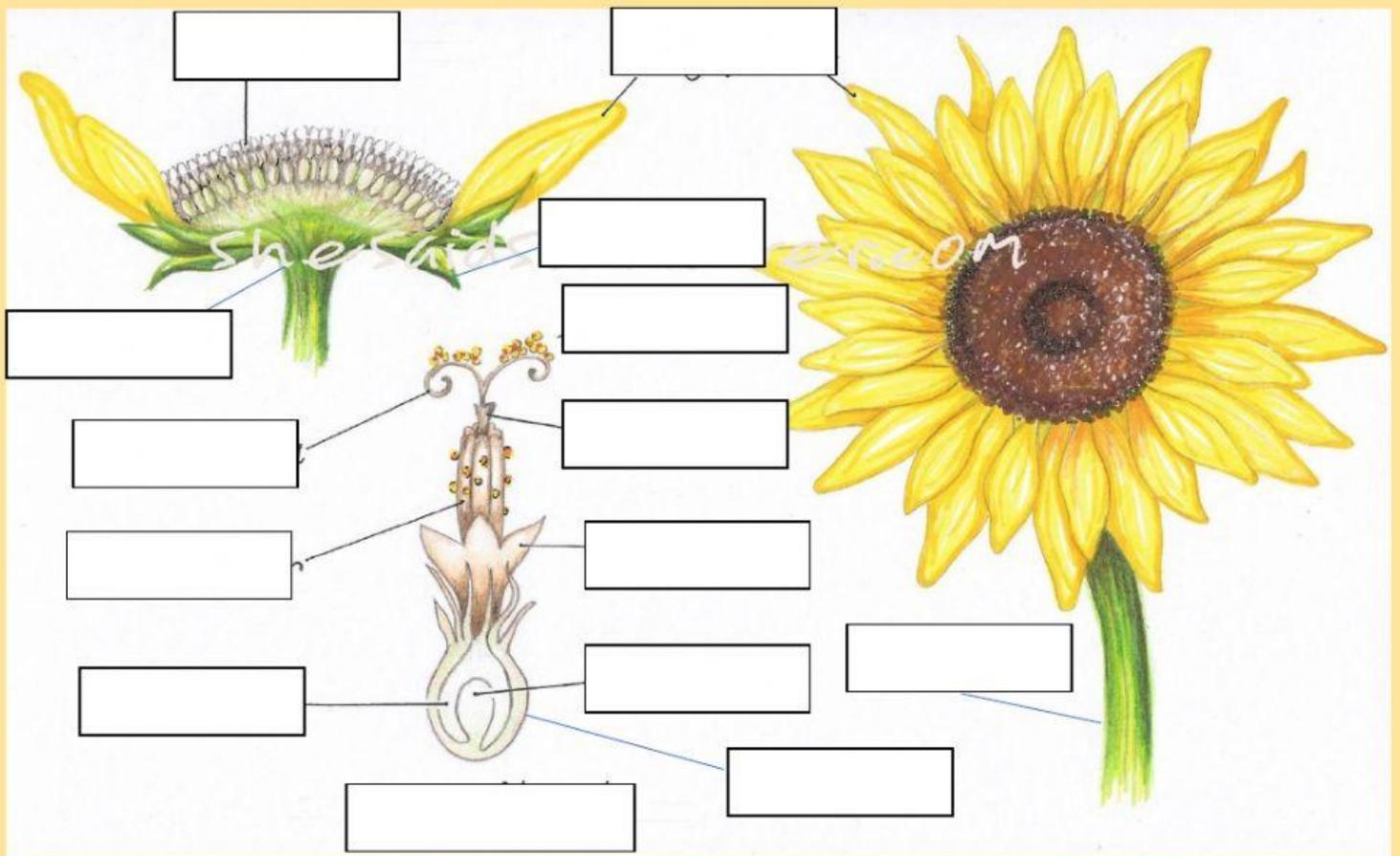
DISK FLORETS

RAY FLORETS

INFLORESCENCE



C) LOOKING AT THE PREVIOUS PICTURE WRITE THE CORRECT NAMES



A) choose the correct option

- a) If you _____ the sunflower plant, you _____ a surprise. The yellow petals don't form the flower.
- b) if we _____ grow a sunflower plant into water, it _____ radioactivity.
- c) if we _____ a sunflower head, we _____ more than 2000 seeds.
- d) if we _____ a sunflower seed, we _____ a spiral.