

# Chemistry Questions

Your group is going to write one or two sentences explaining where the mass came from.

Mass is the amount of matter in an object.

# Where did the mass in the tree come from?



seed

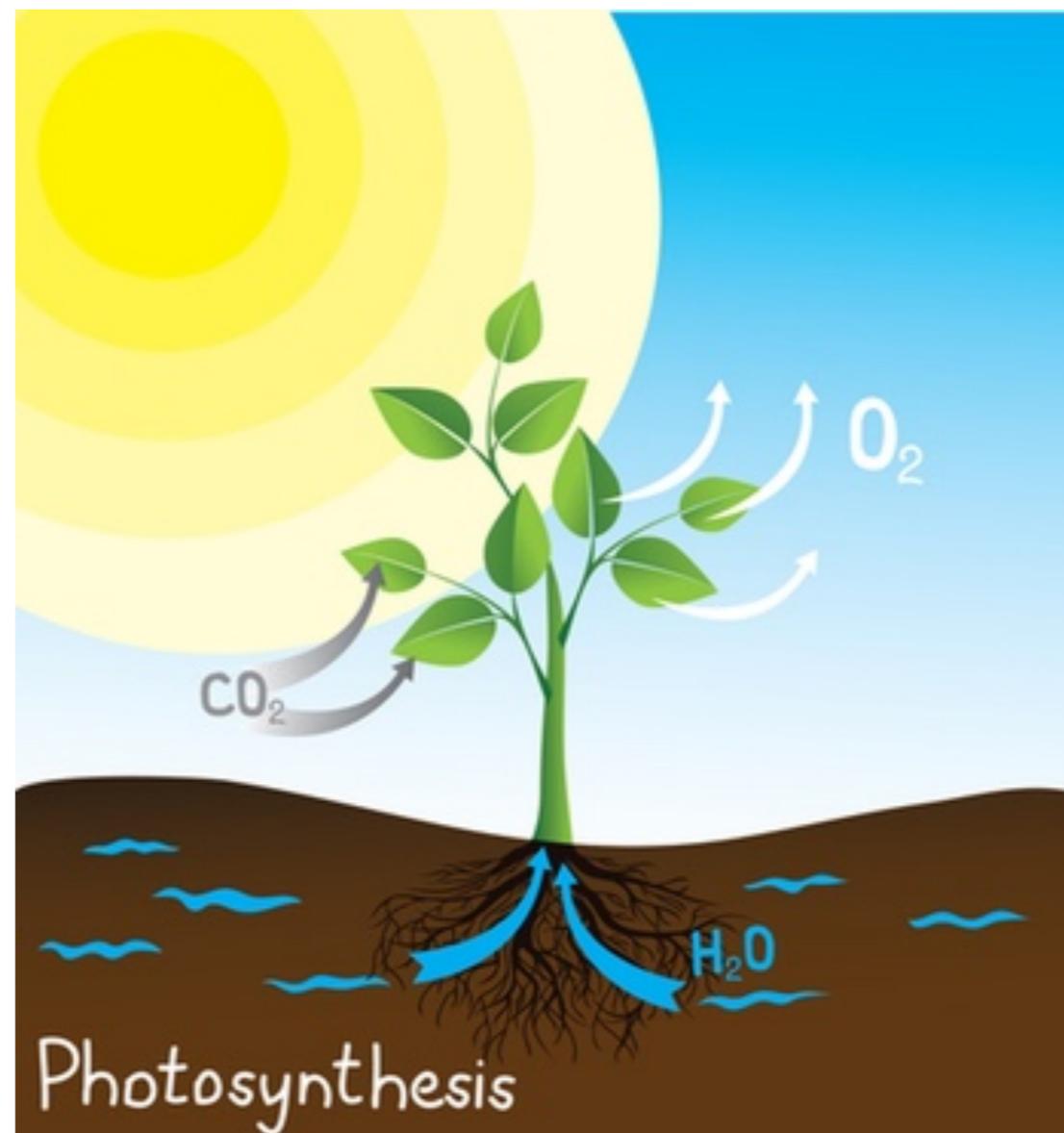


tree

Mass is the amount of matter in an object.

In photosynthesis, **all of the Oxygen in water is released as Oxygen gas.**

Where does most of the mass come from?





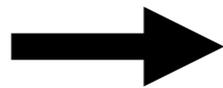


# Photosynthesis Misconception

[http://www.learner.org/vod/vod\\_window.html?pid=77](http://www.learner.org/vod/vod_window.html?pid=77)

Play at 3:15

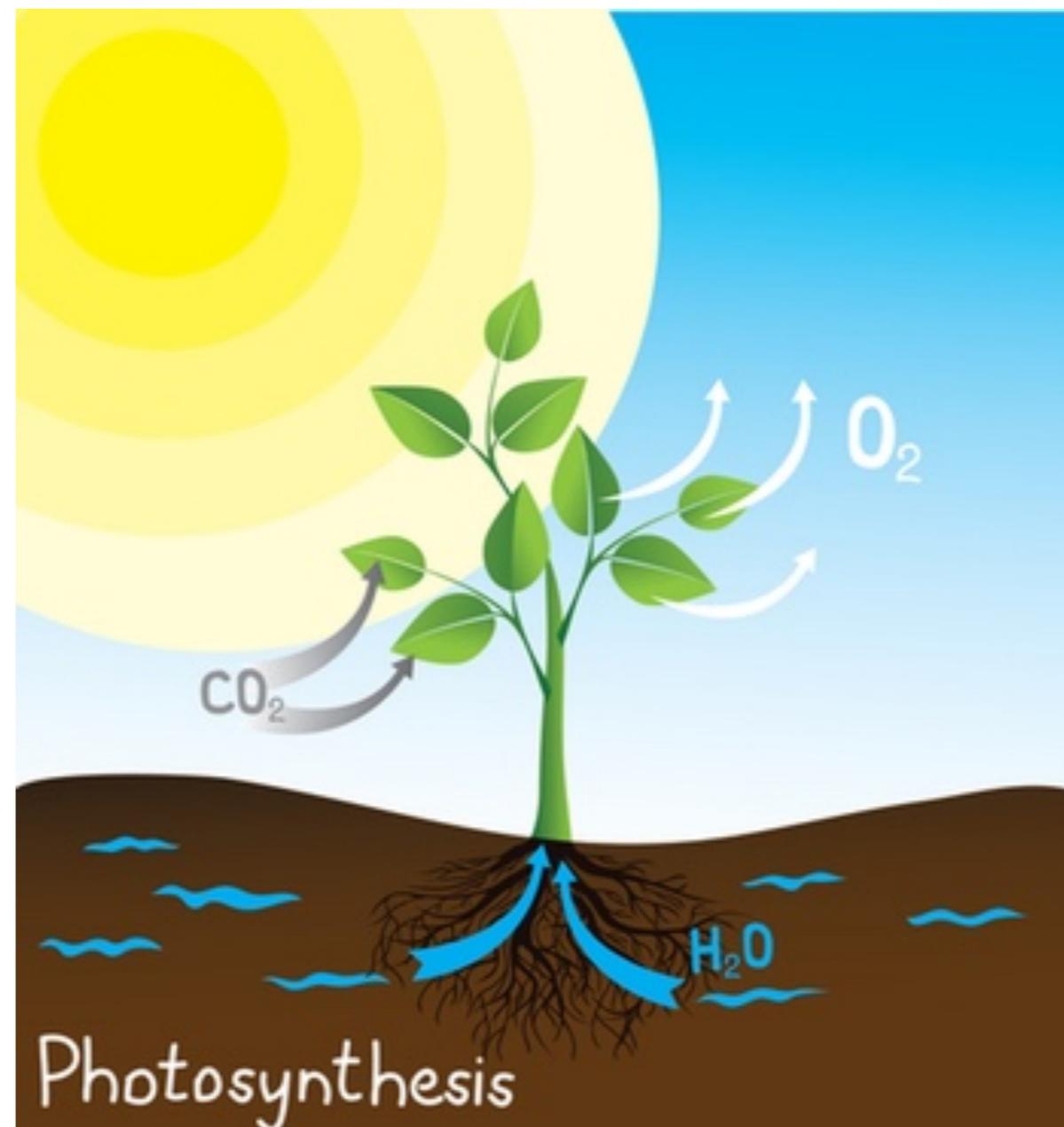
# Where did the mass come from?



Animals get all of their mass from the food it eats.



Plants are called **autotrophs** since they make their own food using photosynthesis.



Animals are called **heterotrophs** since they need to eat (consume) their food.

