

## Notes - Photosynthesis

What does a plant need to live?

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What does a plant make with these substances?

Used by...	Used by...

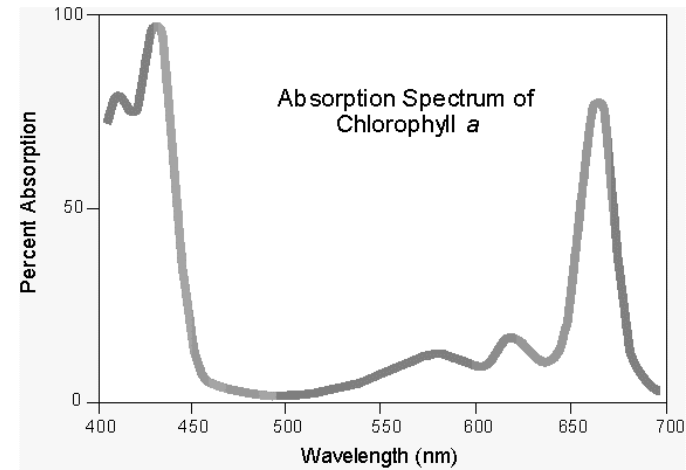
Plants *convert* \_\_\_\_\_ into \_\_\_\_\_ in a *metabolic process* called \_\_\_\_\_.

- Photosynthesis takes place in plant cells in \_\_\_\_\_.
- Chloroplasts are *filled* with the molecule \_\_\_\_\_, which absorbs \_\_\_\_\_.

Certain types of \_\_\_\_\_ and \_\_\_\_\_ are also able to perform photosynthesis, but instead of using chlorophyll they use other \_\_\_\_\_ to store light energy.

According to the graph, chlorophyll absorbs which wavelengths of light best?

Which wavelengths of light are not absorbed, but reflected?



Summarize the process of photosynthesis using a chemical equation.

Why is photosynthesis important for plants?

Why is photosynthesis important for animals?

What is one additional reason why photosynthesis important for most life on earth?