



“Plant Cells, Oh Plant Cells”*

Plant cells, oh plant cells
Use light with your chlorophyll.
Then signal a party—
a dance among organelles

Spin out specialized tissues
Like roots, fruits, and leaves
Responding and ripening
With help from ethylene

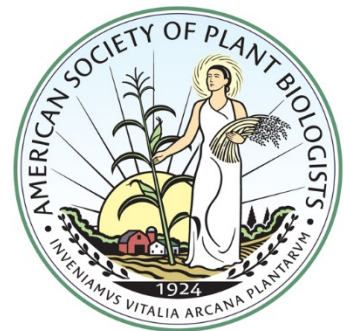
And as you are building
Cell walls keep movements slow
And filter what’s right
To use nutrients and light
And sustain you and help the plant grow
And sustain you and help the plant grow

*To the tune of “Hanukah,
Oh Hanukah”

<http://www.songsforteaching.com/chanukah/hanukkahohhanukkah.php>

Adapted lyrics are not meant to relay textbook-perfect biology.
Poetic license was used to convey the essence of plant cell functions.

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“The Twelve Days of Science”*

Based on ASPB's Twelve Principles of Plant Biology

On the first day of science,
my professor said to me,
“Photossynthesis converts energy.”

On the second day of science,
my professor said to me,
Plants cycle many nutrients, [2nd]
And photossynthesis converts energy [1st]

[sing ‘Plants..’ & add a line to every round of remaining verses:]

Plants...
...enriched our atmosphere, [3rd]
...use seeds or propagate, [4th]
...RESPIRE, GROW, and AGE, [5th]
...build using cell walls, [6th]
...come in all shapes and sizes, [7th]
...make food and medicine, [8th]
...fight pests and diseases, [9th]
...need water molecules, [10th]
...react to their surroundings, [11th]
...support every ecosystem, [12th]

[end every verse with:]

And photosynthesis converts energy!

*To the tune of
“The Twelve Days of Christmas”
<http://www.12days.com/library/carols/12daysofxmas.htm>

Adapted lyrics are not meant to relay textbook-perfect biology.

Poetic license was used to convey the essence of each principle of plant biology.