

# CREATION MOMENTS

*Proclaiming Evidence for Truth*

## THIS WEEK'S CREATION MOMENT

### Plants Focus Light



*And he shall be like a tree planted by the rivers of water, that bringeth forth his fruit in his season; his leaf also shall not wither; (Psalm 1:3a)*

In many ways, a plant is like a machine that changes the energy of sunlight into food energy that is needed by the rest of the living world. The energy which runs the plant is light.

Now, if you were going to design a better, more efficient plant, how might you do it? Obviously, one way to improve a plant would be to create one that can do its job with less light. But remember, the plant cannot store more energy than it receives. And if the plant was too sensitive to light, a strong dose of sunlight could kill it. The obvious solution is to outfit the plant with tiny lenses which focus even dim light into the chemical centers where photosynthesis takes place.

Due to man's ignorance, modern science has often regarded plants as if they were simple, unsophisticated forms of life. Now scientists have discovered that many plants do indeed have special cells which focus and concentrate the available light into the very centers where it is needed. One plant's shaded leaves were found to intensify available light by 26 times. And if the light gets so strong that it could damage the leaves, the light is focused onto cells which can absorb the extra light.

Plants are much more complex, higher-performance living things than we ever suspected. Plants incorporate designs based on a highly sophisticated knowledge of both chemistry and physics. What a wonderful witness they are to our Creator!

Photo: Cross section of a leaf through a microscope. Courtesy of Mnolf. CC BY-SA 3.0.

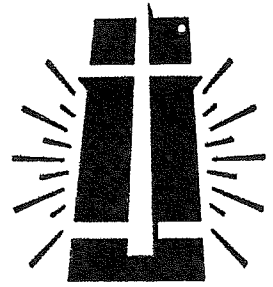
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**Preparing for the Readings for Next Sunday**  
**with S.O.A.P.**



**Old Testament:** Nehemiah 8:1–3, 5–6, 8–10  
**Epistle:** 1 Corinthians 12:12–31a  
**Gospel:** Luke 4:16–30

This brief Bible Study is designed to help you dig into the Word of God and prepare for the coming Sunday's readings. It is our fervent hope that this will be a blessing to you and your family!

- S** Scripture: *Keeping the larger context of Scripture in mind (for example: verse, chapter, book, etc.), what words and/or verses stand out to me?*
- O** Observation: *What is happening or what is the teaching that is being shared? What is God saying about Himself? Is this Law or Gospel? Who is doing the action?*
- A** Application: *What does this mean as I live out my life as a disciple of Christ? How does the Law apply to me? How does the Gospel apply to me? How is God asking us to respond within our family or community? How is God asking me to personally respond? What change(s) needs to happen in my life?*
- P** Prayer: *What prayer is God placing on my heart today? Who is in need of prayer? If me, what do I need from God to help me live out what He has given me in His Word?*