

American Society of Plant Biologists



10 Classroom-Friendly Uses for PRINCIPLES OF PLANT BIOLOGY BOOK MARKS

ASPB offers 12 full-color bookmarks.

Each bookmark represents one of the 12 Principles of Plant Biology.

These resources are available at:

<http://www.aspb.org/education/foundation/principles.cfm>

1. Match each bookmark to the correct principle listed in the Principles of Plant Biology brochure.
2. Categorize the bookmarks by the main idea presented in each one. Create categories or try these: life processes, environmental needs, uses & applications.
3. Translate all the information on a bookmark into a factual summary or use the concepts in a fictional story or poem.
4. Create another graphic display (poster, t-shirt, web page) to show the information on 2-3 bookmarks. Combine similar bookmarks or use ones that portray contrasting themes.
5. Check out ASPB's journals: <http://www.plantcell.org/> or <http://www.plantphysiol.org/>. Find a research paper on one of the topics incorporated into the principles. Read and summarize the abstract.
6. Find 5-8 facts about one of the plants featured on a bookmark. Use these facts in an oral report. Add a visual prop. Record reports and collect props to create multi-sensory classroom archive.
7. Use the information on a bookmark to write a testable question. Write at least one hypothesis. List all the resources needed to answer the question and/or test the hypothesis.
8. Identify a plant scientist whose work reflects at least one of the 12 principles. Summarize the scientist's training and research.
9. Create a glossary of the plant science terms used on the bookmarks. Publish an illustrated version of the completed glossary.
10. Select a book about plant science. Use one of these bookmarks to hold your place!

Questions or comments?

Please contact Katie Engen, M.Ed. at katie@aspb.org.