

Blossom & Root Level 2 Science (Second Edition)

Spines List

Wonders of the Plant and Fungi Kingdom

Choose ONE of the spines below. You do not need to use more than one of the following selections. Please take some time to preview all three options before purchasing so you can decide which one will be the best fit for your learner.

Option 1:

- *Trees, Leaves, Flowers, and Seeds: A Visual Encyclopedia of the Plant Kingdom* (DK Smithsonian) by Dr. Sarah Jose
- ISBN: 978-1-4654-8242-6
- This is an excellent choice featuring DK Smithsonian's typical layout. It is very informative, with lots of examples of different plant features. This one would be very appropriate for most lower-to-middle elementary learners.

Option 2:

- *Plants and Fungi!* (DK Smithsonian) by Professor Lynne Boddy MBE, Dr. Chris Clennett, Wendy Horobin, Dr. Sarah Jose, and Jo Locke
- ISBN: 978-0-7440-8471-9
- If you have an advanced mid-elementary learner or an upper-elementary learner, we recommend this selection. It packs a bit more information and goes into more detail than option 1, but still features the easy-to-read layout typical of DK Smithsonian.

Option 3:

- *The Secret World of Plants* (DK) by Ben Hoare
- ISBN: 978-0-7440-5983-0
- This option provides more detailed information about specific plants. It has more of a "storybook" narrative style with short passages that pack a lot of information in a gentler way.



Highly Recommended Additional Resource:

We highly recommend the following book be added as well. It is not a spine, and it is not required. However, this excellent resource is *highly recommended*, and it is used in multiple lessons.

- *When Plants Took Over the Planet: The Amazing Story of Plant Evolution* by Dr. Chris Thorogood
- ISBN: 978-0-7112-6128-0

What Will Be Covered in Blossom and Root Level 2 Science (Second Edition)?

- The Plant Kingdom
- Plant cells
- What plants need to survive
- Photosynthesis
- Non-vascular plants
- Early vascular plants
- Plant features: leaves, needles, trunks and stems, bark, tree rings, etc.
- Stems, bulbs, and roots
- Gymnosperms vs. angiosperms
- Pollination: flowers, seeds, fruits, and pollinators
- Asexual plant reproduction
- Monocots vs. eudicots
- Aquatic plants
- Epiphytes
- Grasses, rushes, and sedges
- Succulents
- Carnivorous plants
- Parasitic plants
- Plant defenses
- Plants as food and medicine
- Other plant uses
- The Fungi Kingdom
- Fungi spores
- Food for fungi
- Mushrooms
- Fungi as food and medicine
- Other fungi uses
- Dangerous fungi
- Lichen

A Note on Book Seeds:

The six special edition Profiles in Science Book Seed issues that come with Level 2 science are not being updated at this time, though they will be updated in the future. However, we will provide a recommended schedule if you'd like to incorporate the existing issues into your Level 2 science lessons. These six issues will still be included in Level 2 science.