It's for the Birds

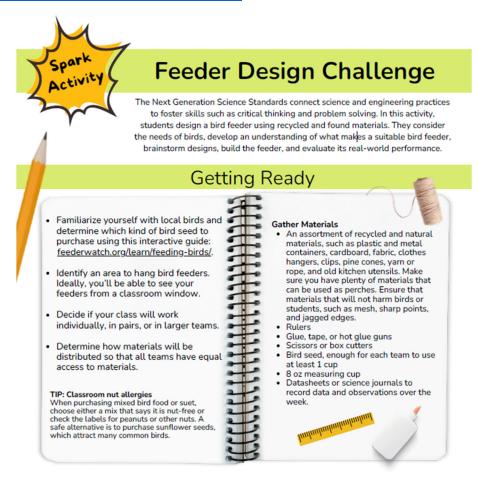
AFTER 3: Feeder Design Challenge

After your visit to apply knowledge about bird diet and habitat to building bird feeders. Students design a bird feeder using recycled and found materials. They consider the needs of birds, develop an understanding of what makes a suitable bird feeder, brainstorm designs, build the feeder, and evaluate its real-world performance.

Estimated time: two 45 minute sessions

Materials & Instructional Strategy

For all lesson components, see the downloadable PDF of the Feeder Design Challenge from Cornell University. https://www.birds.cornell.edu/k12/spark-guide-feeder/



Distributing Materials

Distributing materials for the challenge can be chaotic with larger groups. To streamline, consider:

- Categorizing materials by size and allocating a quantity from each category to every group, e.g., one large item, two medium items, and five small items.
- Implementing a point system for material categories, limiting students to a certain number of points to "purchase" supplies. Assign a higher point value to larger or more desirable items, with smaller items like perches worth fewer points. This fosters critical thinking and creativity in designs.

Explain your distribution method clearly and let students review materials before starting their designs.



