

## Good practices SCIEN\_708AB\_EN

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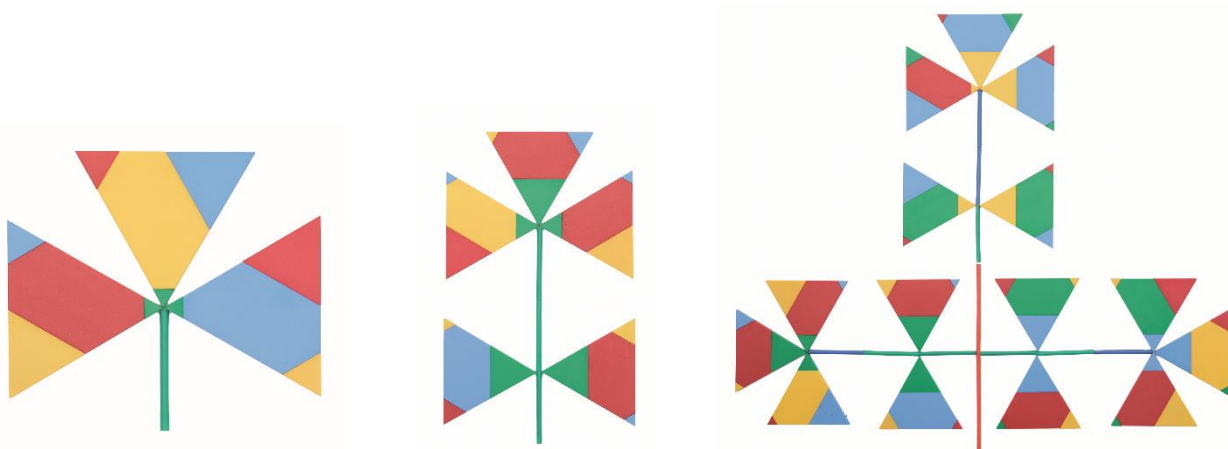
Description of the problem / exercise: **Modeling compound leaves**

At the end of the learning, students will be able to distinguish the types of compound leaves and recognize them on plants.

Task could be realized within the following steps:

1. Teachers provide information about compound leaves morphology and examples from herborized or fresh plant materials to the students.
2. Using the Poly-Universe and plastic straws students create some types of compound leaves.
3. Students present their models to their classmates and explain them.
4. Students discuss the presented model, and provide feedback to each other.

One example of possible compound leaf creations made from Poly-Universe is given in the photo below:



**Figure:** Examples of compound leaves created from Poly-Universe

- *Why this exercise is good:* This exercise allows the students to interact with different learning materials such as textbooks, plant material, Poly-Universe. Practical activities in the exercise develop student's creativity and connect it with students' surroundings.
- *Level of teacher training:* Elementary school
- *School subject(s):* Biology, math, art
- *Comments:* Teachers can organize this activity in the schoolyard, and students can create the model of a compound leaves of plants in their surroundings.