



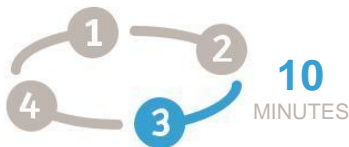
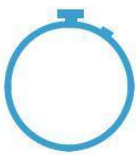
Color Palette

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We practice these steps

> **STEP 3. – Recording the experiment**



+ collecting material during phenological observations

Suitable for age/class

Age 11-14

Setting and requirements

Palette making in classroom, observation on phenological site

Objective

Students record the color change of an observed tree.

Activity description

This activity can be supplemented with GLOBE phenological observations Green-Down.

In Green-Down observations students observe four leaves of a selected tree species and record color using GLOBE color range. They often say that there are too few colors in the range, nature knows far more colors. They notice that some leaves on the observed tree have different colors than their marked leaves.

How can we record the greatest color change in the tree?

We take pictures, collect leaves of different colors and make herbarium.

- In order to record as many colors that the observed tree has during the fall, students make a **color palette**.
- Each student draws a painting palette on a sheet of hard paper, cuts it out and provides it with 15 squares of double-sided tape.
- During phenological observations they try to collect pieces of leaves of many different colors from the observed tree.
- At the end of the Green-Down phenological observations, each student will have their own color palette; colors that their observed tree has gone through.
- If groups in class observed different kind of trees, they can compare their palettes.

