

Weather Science Kit Home Activity

Why Do Leaves Change Colors in the Fall?

Use this activity sheet and data collection sheet along with your Tempest at home to observe and learn about the changing of tree leaves in real time!

- 1.** Pick a tree to observe while it's still mostly in its green stages.
- 2.** Choose a day to begin your observation, and record the sunrise/sunset time and UV Level from your Tempest along with the most prominent colors of leaves on the accompanying table.
- 3.** Continue to record for 7-10 days (or more) throughout the fall using the data collection sheet to help answer the questions below:

What has changed in your trees leaf color?

What about the UV trends for your area?
