



We would like you to set up a test session with us before your first Nature LIVE! session so we can test links, visual, and audio within your classroom.

ROOTS PROGRAM OVERVIEW:

Third graders will make observations of plant life cycles through the seasons as they participate in these sessions. Each session will look at the six plant parts but focus on one special one each time. Students will see how each part plays a role in the survival and reproduction of that individual, the functions of the plant parts themselves, and observations of plant life cycles over time.

(Geography 3.4, 3.6, LS.3.1.1, LS.3.2.1, LS.3.2.2, LS.3.2.3)

SESSION 1: FRUIT IN THE GARDEN

During this 20 minute online adventure, your naturalists will lead the session from the garden at Lost Creek Reserve! Together with the naturalist your students will explore the garden finding the six plant parts and experience the growing process complete from seed. Fruit will be our focus plant part of the day as the job of the fruit becomes a reality. This session also has a tailored review quiz for your students and the Roots SCIENCE JOURNEYS material will support the same standards.

(Geography 3.4, 3.6, LS.3.1.1, LS.3.2.1, LS.3.2.2, LS.3.2.3)

SESSION 2: SEEDS EVERYWHERE

During this 20 minute online adventure, your naturalists will lead the session from one of our many Miami County Parks! Together explorations will be made for the six plant parts out in the wild. Seeds will be our focus plant part of the day as we discover more about the amazing traveling seed and how it travels. This session also has a tailored review quiz for your students and the Roots SCIENCE JOURNEYS material will support the same standards.

(Geography 3.4, 3.6, LS.3.1.1, LS.3.2.1, LS.3.2.2, LS.3.2.3)

SESSION 3: THE REASON FOR LEAVES

During this 20 minute online adventure, your naturalists will lead the session from one of our many Miami County Parks! Students will be instructed to come prepared to this session by bringing with them 3 different kinds of leaves that have already fallen off of a plant. Leaves will be our focus plant part of the day. Together we will investigate why leaves fall off this time of year and if that gives the plant an advantage for survival. This session also has a tailored review quiz for your students and the Roots SCIENCE JOURNEYS material will support the same standards.

(Geography 3.4, 3.6, LS.3.1.1, LS.3.2.1, LS.3.2.2, LS.3.2.3)

SESSION 4: SWEET STEMS

During this 20 minute online adventure, your naturalists will lead the session from Maple Ridge Reserve! Stems will be the focus plant part of this session. Together we will go on a journey up and down the stem of a plant, learning first hand the job of the stem as we study the maple sugaring process. This session also has a tailored review quiz for your students and the Roots SCIENCE JOURNEYS material will support the same standards.

(Geography 3.4, 3.6, LS.3.1.1, LS.3.2.1, LS.3.2.2, LS.3.2.3)

SESSION 5: UNSEEN ROOTS

During this 20 minute online adventure, your naturalists will lead the session from one of our many Miami County Parks! Together with your naturalist you will visit some of the same plants you were introduced to in session 2: Seeds Everywhere. Students will get to compare and contrast the life stages of these plants and notice which plant parts are present, and which ones are absent. The unseen roots will be our focus plant part of the day, learning their function and roll in the plants' survival. This session also has a tailored review quiz for your students and the Roots SCIENCE JOURNEYS material will support the same standards.

(Geography 3.4, 3.6, LS.3.1.1, LS.3.2.1, LS.3.2.2, LS.3.2.3)

SESSION 6:

During this 20 minute online adventure, your naturalists will once again lead the session from the garden at Lost Creek Reserve! So much can be discovered in a garden. A new season with new plants and new life blooming. Explore the job of a flower and how it is made as you join along with the naturalist to take a closer look inside of a flower and all of its parts. Who likes to hang out in these plant parts and why is that important for you and me? The flowers are the last focus plant part of this series. This session also has a tailored review quiz for your students and the Roots SCIENCE JOURNEYS material will support the same standards.

(Geography 3.4, 3.6, LS.3.1.1, LS.3.2.1, LS.3.2.2, LS.3.2.3)
