



### Enhance your classroom with our Discovery Bins!

The Morton Arboretum provides free resources for teachers to borrow and implement in their classroom instruction. Each bin contains materials, tools, and lessons to bring NGSS alive in their classroom. [Educator Discovery Bins](#) are organized by grade-level and are aligned with current field trip offerings. Reserve a bin before or after your trip to extend your students' learning by filling out a [registration form](#).

**Grades: PreK-2<sup>nd</sup>**

#### Tree-rific Tree bin

*K.LS1.1, 1.LS1.1, 1.LS3.1, 2.LS2.2, 2.LS4.1*

This bin includes activities focused on seed growth and dispersal, tree life cycle, and habitat characteristics.



**Grades: 2<sup>nd</sup> – 4<sup>th</sup>**

#### Plant Adaptations Bin

*2.LS2.2, 2.LS4.1, 3.LS3.1, 3.LS3.2, 3.LS4.2, 3.LS4.4, 4.LS1.1*

Learn about structural adaptations of plants and how their differences allow them to survive & reproduce.



**Grades: 6<sup>th</sup> – 12<sup>th</sup>**

#### Tree Health Tool Kit

This backpack contains materials & activities for you to do with your students to identify & monitor trees in your neighborhood.



**Grades: 2<sup>nd</sup> – 4<sup>th</sup>**

#### Animal Discovery Bin

*2.LS2.2, 2.LS4.1, 3.LS4.3, 4.LS1.1*

Examine this hands-on collection of pelts, skull replicas, and x-ray images to focus on animal structures, habitats, & adaptations.



**Grades: 4<sup>th</sup> – 8<sup>th</sup>**

#### Be a Field Ecologist Bin

This bin includes soil probes, wind meters, light meters, and thermometers to help your students become field scientists.



**Grades: 7<sup>th</sup> – 12<sup>th</sup>**

#### Aquatic Invasives of the Chicago Region

*HS.LS1.2, HS.LS4.3, HS.LS4.5*

This box includes aquatic plant specimens of invasive plants & their look-alikes, & teaches how they impact ecosystems.



**Grades: 3<sup>rd</sup> – 5<sup>th</sup>**

#### Itty Bitty Science Bin

This bin contains 10 microscopes and pre-made slides. Design your own experiment & have students collect their own samples to examine under the microscope.



**Grades: 5<sup>th</sup>-8<sup>th</sup>**

#### Adaptive Aves Bin

*5.LS2.1, 5.PS3.1, MS.LS1.4, MS.LS2.1, MS.LS2.2*

Teach students about animal structures & adaptations using a variety of materials & activities.



**Grades: 8<sup>th</sup>-12<sup>th</sup>**

#### Tree ID & Census Bin

*MS.LS2.4, HS.LS2.7*

Use real data to engage your students in the Urban Tree Census. This bin contains tree id resources, measuring tapes, & lessons.



Limit 1 bin per teacher for each reservation period.

Bins can be reserved for up to 2 weeks at a time.

Educators are responsible for picking up and dropping off these bins.

Bins are available during normal operational hours.

Bins must be reserved ahead of time by filling out a [registration](#).

Contactless pick-up and drop-off; sanitization between uses