


Partner Organization: The AgraLiving Institute	Title of Expedition: P1 Discovery Day - Anywhere Farm 60 minutes	
Dates: 10:30-11:30 June 22, 2023		
<p>AgraLiving Teachers: Chris Faria & Kristamaria Looby</p> <p>Info for teachers</p> <ul style="list-style-type: none"> ● Students should be prepared with water bottle and hat ● Students can wear their uniform as we won't be getting that dirty! ● Would be good to have the two groups, comprising of a mix of the two schools, already chosen before arriving at the garden. ● Decide which teachers will help with which group ● The activities will be led by Chris or Krista but you can familiarize yourself with the activities by watching our how-to videos: <ul style="list-style-type: none"> ○ Sowing seeds: https://youtu.be/4zshelwMObs (up until 4:00) ○ Transplanting: https://youtu.be/m2ls0cJIQG8 (up until 3:00) <p>Objectives</p> <p>Students will be able to:</p> <ul style="list-style-type: none"> ● Understand what plants need to grow ● How to sow seeds ● How to transplant ● How to harvest and clean seeds ● Have fun in the garden! 		
<p>Activities Outline (with time allocations):</p> <p>Introduction (5 mins)</p> <ul style="list-style-type: none"> ● AgraLiving and what we will be doing (groups together) <p>SPLIT INTO GROUPS</p> <p>Activity Set 1 (25 minutes) - Sowing safflower seeds & transplanting sorghum seedlings with Chris</p> <ul style="list-style-type: none"> ● Seed sowing: ● Safflower can be used in cooking as a substitute for saffron or the seeds can be pressed to make safflower oil ● We will be sowing them 1" apart and ½" deep ● Students take turns making a hole and then placing the seed into the hole 		

- This a good opportunity to ask the students what do they think plants need to grow: soil, light, water, air, LOVE
- **Transplanting:**
- This sorghum variety is called Hungarian Black-seeded Broomcorn
- Will have seeds and a broom made from the plant for the students to see
- Brooms are made from the dried flower stalks in the fall around halloween, connect to witches flying on their brooms
- Seedlings will be planted 6" apart and then watered in with watering cans

SWITCH GROUPS

Activity Set 2 (25 minutes) - Harvesting and cleaning pigeon peas/Reading *Anywhere Farm* with Krista, sowing pigeon peas for their school garden!

- Harvest as many DRIED pigeon pea pods as you can!
- Bring harvest to classroom area and begin shelling the peas into bowls
- Krista to show how
- Let the children know that these peas can be used to make a stew or used in rice and peas
- Short living perennial which means that these trees will live for about 3 years (if they make it through the storms) and will keep growing peas! Also important source of fodder for pollinators
- They can be eaten green like green peas as well
- Krista will read *Anywhere Farm* as the students continue shelling the peas, this book teaches what plants need to grow
- Discussion Qs:
 - What do they think plants need to grow? soil, light, water, air, LOVE
 - Do you have a garden at home/school?
 - What's growing in it now?
- Finish activity by sowing a few pots with pigeon pea seeds to grow at their school garden - emphasize that we need to do this to continue growing these plants if no one does then we lose this unique vegetable

EVERYONE GATHER TOGETHER IN CLASSROOM

Conclusion & Recap (5 mins)

- What do plants give us?
- What do plants need to grow?/Seeds to germinate?
- Who will be taking care of their pigeon pea seedlings?

Resources: