Timing: 45-60 minutes

Materials: 8 teams- receiving

* 1 tray
* 1 seed pack
  + 1 common woolly sunflowers
  + 1 miniature lupines
* 1 potting soil bags
* 15 seedling holders
* 8 water cans

Lesson:

1. Watch Intro Video [– The Hidden Beauty of Pollination](https://www.youtube.com/watch?v=eqsXc_aefKI) *by Louie Schwartzberg*
   1. **Start at 2:58 (until the end of the video)**
2. Following the video – provide a seed packet (either common woolly sunflower or miniature lupine) to both groups in the room (ie. group #1 and #2)
   1. *(optional – drop if timing is too tight) – go right to #3*
      1. Each group will have 10-15 minutes.

prepare 3 tableaux scenes (frozen scenes).

each scene must include everyone in the group.

Your team should hold each scene for 5 seconds.

(Optional) - GUIDING QUESTIONS FOR TABLEAUX:

* **How will you plant your seeds?** 
  + Use the information on the back of the packet to guide your tableaux’s.
* **What happens after you plant it?**
  + How will the plant grow…
* **How does this plant growing, benefit the environment? The world?**

1. Once both groups have shared their tableaux’s, go over the steps for planting the seeds:

*Teachers, have students help create the following list, below. If needed, provide the 7 steps.*

* 1. Get soil, place gently in seedling holder (not quite full)
  2. Make a hole (follow specific instructions given on seed packet, as to how deep)
  3. Put seed(s) in the hole.
  4. Cover the hole, gently placing soil on top, do not pack down.
  5. Water all the seedlings, when all 15 are placed on the tray.
  6. Put the pots in a specific (completed) space; follow teacher discretion.
  7. Clean up.

\*All 8 trays once completed will be taken care of by Division 15, in room 111 by Mr. M’s students.

1. To close –

Once all students have completed the Clean Up, you can watch:

* 1. [Sunflower Timelapse Video](https://www.youtube.com/watch?v=x5mHzwEOpp4)

1. Follow-Up Activity:
   1. Watch or Read [Miss Rumphius](https://www.youtube.com/watch?v=_7uYjXq1bmo)
      1. Discuss 3 challenge given by the main characters grandfather in the story.