



## March Theme: Pollinator Pals

*Due Date: March 29, 2023*

### **Challenge #22: Wildflower Field Guide**

Your challenge is to have the eyes of a pollinator as you find wildflowers blooming in your neighborhood. You should identify eight wildflowers that provide essential food to local pollinators. Each wildflower identified should include image(s) and a short description of their ecological importance.

### **Challenge #23: Pollinator Production**

Lights, camera...BEES? Your challenge is to create your own pollinator production. This film should highlight at least three pollinators in action. Remember, bees and butterflies are not the only pollinators out there working! There is already a Bee Movie, so do some research to learn about other pollinators that could use some time on the big screen.

*“Many eyes go through the meadow,  
but few see the flowers in it.”*

*~ Ralph Waldo Emerson*



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# Challenge #22: Wildflower Field Guide

*March*

## Description

In these hectic times of constant motion and global interactions, it's easy to miss the small details that support thriving ecosystems. We often observe flowers and then fruits but tend to miss the vital role that pollinators play. Your challenge is to have the eyes of a pollinator as they find wildflowers blooming in your neighborhoods. You should identify eight wildflowers that provide essential food to local pollinators. Each wildflower identified should include image(s) and a short description of their ecological importance (see the rubric on the next page for details).



## Resources

For inspiration and ideas, see <https://civiggardencenter.org/green-teens-challenge>. For further support, email us at [greenteens@civiggardencenter.org](mailto:greenteens@civiggardencenter.org).

## Steps to Success

- Step 1:** Read the description (above) and rubric (next page) for Challenge #22.
- Step 2:** Obtain identification materials, such as apps, identification books, pamphlets, etc. (see the link above for ideas).
- Step 3:** Go on a walk! Once you find a wildflower, try identifying it.
- Step 4:** Hand draw the flower or take two original photos.
- Step 5:** After your initial identification, further research each flower found.
- Step 6:** Write a description for each flower based on your research. Descriptions should be original and include references. Plagiarism will not be tolerated.
- Step 7:** Combine drawings and descriptions into a single book or document.
- Step 8:** Make sure your name and email are written clearly and that you have submitted all pieces of your submission.
- Step 9:** Review the rubric to make sure you have met all the "Full Points" column.
- Step 10:** Submit and celebrate!

*Don't forget the rubric on the next page!*

## Challenge #22: Wildflower Field Guide Rubric

	Full Points	Half Points	No Points
<b>Number of Wildflowers</b>	At least eight distinct wildflowers are described in detail	At least six distinct wildflowers are described in details	Fewer than six wildflowers are included
<b>Wildflower Images</b>	Every wildflower includes one detailed hand drawing or two original photos	One wildflower is missing a detailed hand drawing or two original photos	More than one wildflower is missing a detailed hand drawing or two original photos
<b>Wildflower Descriptions</b>	Every wildflower is accompanied by an original paragraph describing the size, color, growth habit and pollinator pal(s). Citations for research sources are clearly written	One wildflower is missing the paragraph describing the size, color, growth habit and pollinator pal(s) and/or citations are not clearly identified	More than one wildflower is missing the descriptive paragraph or descriptions are not original and/or citations are missing
<b>Student Information</b>	Student names, email addresses		Student names, email addresses
<b>Due Date</b>	Challenge was submitted by the due date of March 29		Challenge was not submitted by due date

### Did you...

- Complete the Steps to Success checklist on the previous page?
- Make note of the submission due date?
- Email us for support ([greenteens@civicgardencenter.org](mailto:greenteens@civicgardencenter.org))?

### Standards Alignment

- **Meets these ELA standards:** W.9-10.7, W.11-12.7, W.9-10.8, W.11-12.8, L.9-10.3, L.11-12.3, RH.9-10.1, RH.9-10.2, RH.11-12.2, WHST.9-10.8, WHST.11-12.8, WHST.9-10.9, WHST.11-12.9

# Challenge #23: Pollinator Production

*March*

## Description

Lights, camera...BEES? Your challenge is to create your own pollinator production. This film should highlight at least three pollinators in action. Remember, bees and butterflies are not the only pollinators out there working! There is already a Bee Movie, so do some research to learn about other pollinators that could use some time on the big screen.



## Resources

For inspiration and ideas, see <https://civiggardencenter.org/green-teens-challenge>. For further support, email us at [greenteens@civiggardencenter.org](mailto:greenteens@civiggardencenter.org).

## Steps to Success

- Step 1:** Read the description (above) and rubric (next page) for Challenge #23.
- Step 2:** Research different kinds of pollinators.
- Step 3:** Gather filming equipment, whether it be your phones or a separate camera.
- Step 4:** Go look for pollinators in action, ideally pollinating a plant.
- Step 5:** Film three different types of pollinators for your submission.
- Step 6:** Edit the video to combine the footage of the different pollinators you found.
- Step 7:** Add voice over and captioning to your video. Information should include the importance of pollinators, what pollinator is being shown, etc.
- Step 8:** Make sure your name and email are written clearly and that you have submitted all pieces of your submission.
- Step 9:** Review the rubric to make sure you have met all the “Full Points” column.
- Step 10:** Submit and celebrate!

*Don't forget the rubric on the next page!*

## Challenge #23: Pollinator Production Rubric

	Full Points	Half Points	No Points
<b>Video Length</b>	Video is between three and five minutes long	Video is less than three or more than five minutes long	Video is under two minutes long
<b>Video Components</b>	Video is original footage that includes at least three different pollinators	Video is original footage that includes at least two different pollinators	Video is not original footage or only includes one pollinator
<b>Content Elements</b>	Video uses voiceover and captioning to explain what the pollinator is and includes information about the pollination process	Video is missing one component from the Full Points column	Video is missing two components from the Full Points column
<b>Student Information</b>	Student names and email addresses are clearly written		Student names and email addresses are missing
<b>Due Date</b>	Challenge was submitted by the due date of March 29		Challenge was not submitted by due dates

### *Did you...*

- Complete the Steps to Success checklist on the previous page?
- Make note of the submission due date?
- Email us for support ([greenteens@civicgardencenter.org](mailto:greenteens@civicgardencenter.org))?

### **Standards Alignment**

- **Meets these ELA standards:** SL.9-10.5, SL.11-12.5, L.9-10.3, L.11-12.3, RH.9-10.1, RH.9-10.2, RH.11-12.2, RH.11-12.9, WHST.9-10.9, WHST.11-12.9