

POLLINATOR PSA



LEVEL: 4TH-5TH

ADAPTABLE LESSON FOR ALL AGES KINDERGARTEN TO 5TH GRADE

GEORGIA LESSON STANDARD:

- S4L1. OBTAIN, EVALUATE, AND COMMUNICATE INFORMATION ABOUT THE ROLES OF ORGANISMS AND THE FLOW OF ENERGY WITHIN AN ECOSYSTEM.
 - C. DESIGN A SCENARIO TO DEMONSTRATE THE EFFECT OF A CHANGE ON AN ECOSYSTEM. (CLARIFICATION STATEMENT: INCLUDE LIVING AND NON-LIVING FACTORS IN THE SCENARIO).

OBJECTIVES:

- STUDENTS WILL DISCOVER THE WORLD OF POLLINATORS AND LEARN THEIR IMPORTANCE
- STUDENTS WILL ADAPT THEIR KNOWLEDGE TO CREATE A POLLINATOR PSA TO SPREAD AWARENESS

SUBJECT MATTER:

- ENVIRONMENTAL SCIENCE
- ECOLOGY
- ECOSYSTEMS
- RESEARCH PROJECT

SUMMARY OF TASKS/ACTION:

- STEP 1: GATHER AND PREP ALL MATERIALS
- STEP 2: READ THROUGH LESSON AND DISCUSS THE ROLE OF POLLINATORS IN OUR WORLD. WATCH VIDEOS AND RESEARCH POLLINATORS WITH STUDENTS.
- STEP 3: SET A PLAN FOR A POLLINATOR PSA. HOW WOULD YOU TELL PEOPLE ABOUT THE IMPORTANCE OF POLLINATORS?
- STEP 4: CREATE YOUR PSA POSTER/VIDEO.
- STEP 5: REVIEW AND DISCUSS THE IMPORTANCE OF POLLINATORS. SUBMIT A PICTURE OF YOUR POSTER TO THE NATIONAL POSTER CONTEST FOR THIS YEAR'S POLLINATOR THEME!

MATERIALS:

- CREATIVE MATERIALS FOR POSTER - ARTS AND CRAFTS, MARKERS, PENS, DECORATIONS, POSTER SHEET, PAPER
- CREATIVE MATERIAL FOR VIDEO-RECORDING DEVICE, BACKGROUND DESIGN, ADDITIONAL ARTS AND CRAFTS MATERIALS

REFERENCES:

- [HTTPS://WWW.GACD.US/POSTERCONTEST](https://www.gacd.us/postercontest)
- [HTTPS://WWW.POLLINATOR.ORG/POLLINATORS](https://www.pollinator.org/pollinators)
- [HTTPS://YOUTU.BE/CYRRKZ0L0LG](https://youtu.be/cyrrkz0l0lg)



MATERIAL PREP:

- GATHER YOUR MATERIALS FOR CREATING YOUR POLLINATOR PUBLIC SERVICE ANNOUNCEMENT OR PSA. THE GOAL IS TO CREATE A POSTER AND/OR A VIDEO ANNOUNCEMENT THAT FOCUSES ON POLLINATORS AND THEIR IMPORTANCE. PLEASE REFER TO THE MATERIALS SECTION FOR IDEAS ON WHAT TO USE.
- ONCE YOU HAVE YOUR MATERIALS PREPPED YOU CAN BEGIN THE RESEARCH PROJECT BELOW!

INTRODUCTION:

- DISCUSS WITH YOUR STUDENTS: MANY OF YOU KNOW WHAT POLLINATORS ARE AND CAN NAME MANY EXAMPLES. WHAT ARE SOME TYPES OF POLLINATORS?
- POLLINATORS ARE EXTREMELY IMPORTANT IN OUR WORLD BUT THERE ARE MANY PEOPLE WHO DO NOT KNOW JUST HOW NECESSARY THEY ARE TO OUR EVERYDAY LIVES!
- TODAY WE ARE GOING TO PRACTICE CONDUCTING RESEARCH. RESEARCH IS A VALUABLE SKILL THAT YOU WILL NEED TO PRACTICE AND USE FOR FUTURE STUDIES. RESEARCH INVOLVES TAKING A TOPIC AND DISCOVERING ALL THAT YOU CAN ABOUT THAT TOPIC. YOU CAN USE BOOKS, THE INTERNET, OR YOU CAN ASK EXPERTS THAT WORK WITH THAT TOPIC. FOR EXAMPLE: FOR POLLINATORS YOU CAN GO ONLINE AND GOOGLE "WHAT DO POLLINATORS DO?" OR "WHY ARE POLLINATORS IMPORTANT?"
- WE WILL USE THE INFORMATION WE FIND TO CREATE A PUBLIC SERVICE ANNOUNCEMENT OR PSA TO TELL PEOPLE ALL ABOUT THESE AMAZING CREATURES AND ALL THAT THEY DO FOR US.

ACTIVITY:

LET'S START OUR RESEARCH BY WATCHING A VIDEO. CHECK OUT THIS EXAMPLE OF A POLLINATOR VIDEO PSA THAT WAS CREATED BY UGA EXTENSION AT [HTTPS://YOUTU.BE/CYRRKZOL0LG](https://youtu.be/cyrrkzol0lg). WHAT DOES THIS PSA WANT PEOPLE TO KNOW OR DO?

- IF YOUR STUDENTS ARE FAMILIAR WITH POLLINATORS, MOVE FORWARD TO THE RESEARCH PORTION. IF NOT, TAKE THE TIME TO DISCUSS MORE ABOUT POLLINATORS. THE FOLLOWING IS A GREAT RESOURCE AS A STARTING PLACE: [HTTPS://WWW.POLLINATOR.ORG/POLLINATORS](https://www.pollinator.org/pollinators)
- **RESEARCH PROJECT:** IN ORDER TO CREATE AN ACCURATE PSA, YOU WILL NEED TO CONDUCT RESEARCH TO MAKE SURE YOU KNOW ENOUGH ABOUT POLLINATORS. USE BOOKS OR THE INTERNET TO RESEARCH. FILL OUT THE ATTACHED RESEARCH SHEET AT THE END OF THE LESSON. ONCE THE SHEET IS FILLED IN, YOU ARE READY TO CREATE YOUR POSTER AND/OR VIDEO!
- GUIDE YOUR STUDENTS THROUGH THE RESEARCH PROCESS. OLDER STUDENTS SHOULD FOCUS THEIR PSA IN ON A MORE SPECIFIC TOPIC RELATED TO POLLINATORS.
- **PSA/POSTER:** NOW THAT WE HAVE RESEARCHED POLLINATORS LET'S CREATE OUR INFORMATIONAL PSA TO PROMOTE THE IMPORTANCE OF POLLINATORS! HOW WOULD YOU SHARE THE STORY OF WHY WE NEED POLLINATORS? WHY ARE THEY IMPORTANT TO US? WHAT DO THEY DO THAT WE CANNOT DO?
 - CREATE AND DECORATE YOUR POSTER AND/OR CREATE YOUR OWN VIDEO TO SHOWCASE OUR POLLINATOR FRIENDS.



ACTIVITY:

IF YOU SHOULD CHOOSE, YOU CAN CREATE AND ELECTRONICALLY SUBMIT YOUR POLLINATOR PSA POSTER TO THE NATIONAL ASSOCIATION OF CONSERVATION DISTRICTS POSTER CONTEST. THE THEME FOR 2020 IS "WHERE WOULD WE BEE WITHOUT POLLINATORS?" USING THE RESEARCH THAT YOU CONDUCTED, CAN YOU TELL EVERYONE HOW THE WORLD WOULD BE DIFFERENT WITHOUT POLLINATORS? PRIZES WILL BE AWARDED TO STATE AND NATIONAL WINNERS!

FOR SUBMISSION INFORMATION PLEASE VISIT:
[HTTPS://WWW.GACD.US/POSTERCONTEST](https://www.gacd.us/postercontest)

EXTRA:

SEND US A PHOTO OF YOUR POLLINATOR PSA! YOU CAN EMAIL YOUR PHOTOS AT [INFO@GACD.US](mailto:info@gacd.us) TO HAVE YOUR WORK FEATURED ON OUR SOCIAL MEDIA PAGES. USE #GACDCONSERVE TO SHARE!

THE [GEORGIA ASSOCIATION OF CONSERVATION DISTRICTS \(GACD\)](http://www.gacd.us), PARTNERS WITH LOCAL SOIL AND WATER CONSERVATION DISTRICTS TO PROVIDE EDUCATION ON KEEPING OUR SOIL CLEAN AND HEALTHY AND OUR POLLINATORS PROTECTED.

FOR MORE INFORMATION ON GACD AND TO FIND YOUR GEORGIA CONSERVATION DISTRICT PLEASE VISIT: [WWW.GACD.US](http://www.gacd.us)

FOR MORE LESSON PLANS VISIT: [WWW.GACD.US/LESSONPLANS](http://www.gacd.us/lessonplans)



POLLINATORS, WHO? RESEARCH SHEET

Topic: _____

Student Name: _____

Why are they important? What do they do?

5 facts on my topic:

Other interesting notes:
