

Basic Needs of Living Things – Lesson 3

Essential Question: What are the needs of living things?

Kindergarteners unite to learn about human, animal and plant needs! In lesson 3 of the Basic Needs of Living Things Series, students will explore ways that animals protect themselves.



NGSS Standards:

- K-LS1-1 Use observations to describe patterns of what plants and animals (including humans) need to survive.
- K-ESS3-1 Use a model to represent the relationship between the needs of different plants or animals (including humans) and the places that they live.

You will need to provide the following materials for this lesson:

- 1 piece of printed material (something with a busy/colorful pattern works best). You don't have to go out and purchase anything. Find something you already have such as a flowered shirt, pillowcase, curtain, small blanket – anything will work!
- The students will need access to the following for this lesson: scissors, crayons, colored pencils or markers.

Teacher preparation prior to the lesson:

- Make copies of the attached butterfly pattern – each student will need 2-3 butterflies.
- Gather above supplies.

Lesson Overview: (Materials Needed)

- Essential Question – students will discuss with shoulder partner
- How do animals protect themselves?
 - Discussion
 - Video Clip
- Camouflage Activity
- Camouflage Butterflies (each students will need butterfly patterns, scissors, crayons/colored pencils or markers)

Program Connection Information

Please use an external microphone (conference style) rather than the integrated one in the computer for the audio for your class and locate it centrally in the room. It can be difficult for the Greenbush teacher to hear the students using the computer microphone and therefore it reduces the interactive nature of the lesson. It is fine to use the computer webcam for your video source.

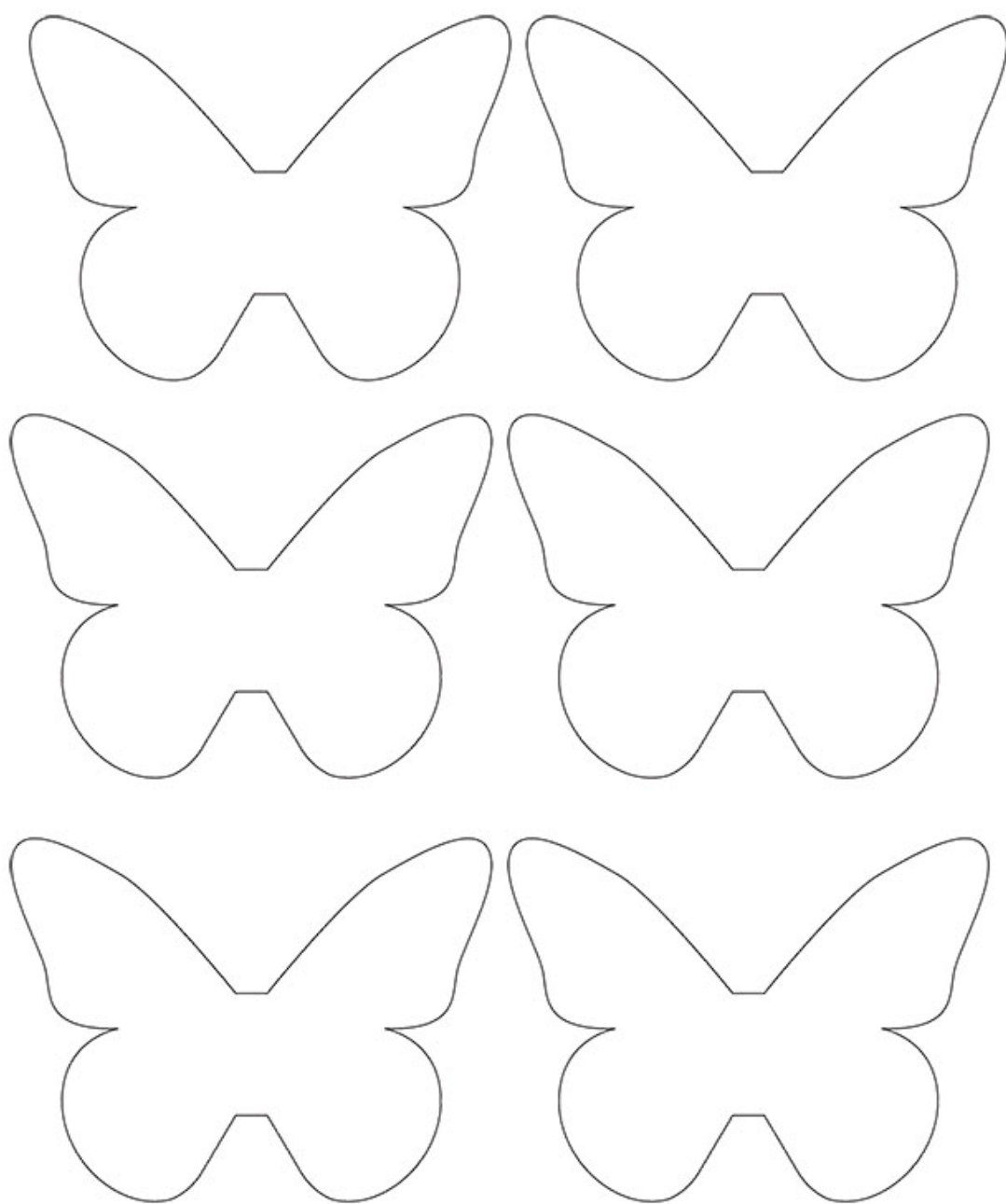
All classes will take place using Zoom desktop video. If your building is already set up to use a desktop video application with a computer, simply open a browser and enter <https://greenbush.zoom.us/j/2326746414> in the URL space. You may need to download Zoom launcher software (free download) if you don't already have it. This needs to be done in advance of the lesson.

If using a Polycom video conferencing unit (or any legacy type video conferencing unit) to connect to a ZOOM conference, make sure the unit is in "encrypted mode" then dial the following IP on the internet: 162.255.37.11 or 162.255.36.11 and once connected, they will ask for a MEETING ID: enter 232 674 6414 (for Lisa at Science Center).

It's always a good idea to touch base with your district technology facilitator prior to your program to make sure all systems/equipment are in place and operational and that there aren't any firewalls in place that might prevent you from connecting to Zoom.

Once you connect, you will enter a Zoom waiting room. Your Greenbush teacher will admit you into the final meeting room.

If you have questions, please call Lisa Little at Greenbush, 620-724-6281, or email at lisa.little@greenbush.org (best method of contact).



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