AMAZING EARTH - 4TH GRADE - ECOSYSTEMS ACTIVITIES

Make a Bluehead Chub

- **What:** Students will make a bluehead chub with a clothespin.
- **When**: During the presentation
- **Where:** At students desks
- **Who**: Students with adults helping
- **Prep**: When students are seated on the carpet listening to the presentation, adult helpers should place a clothespin and set of googly eyes on each student's desk.

Materials

- 1 clothespin
- 2 googly eyes
- glue stick
- markers / colored pencils (student / class provided)

Directions

1. Students will color their clothespins to resemble a bluehead chub.
2. Colors used are blue, orange and green.
3. Students can use their own markers or colored pencils.
4. After they are done coloring their clothespins, apply the googly eyes using a glue stick.
5. NOTE: the googly eyes are small and students may need help.

Bluehead Chub Have…

- a blue head with white spots
- a green and orange body
- big lips to help carry rocks





Be an Ecosystem Engineer

- **What:** Students will use their bluehead chub clothespins to build a nest made of pompoms.
- **When**: After the students make their bluehead chub clothespin fish.
- **Where:** Inside the classroom, with students at their desks.
- **Who**: Students
- **Prep**: Adult helpers place approx 30 pompoms, a nest data sheet, and a ruler on each desk. NOTE: spread out the pompoms and do not place them in a clump.

Materials

- bluehead chub clothespins
- pompoms
- 1 watch / cell phone stopwatch app
- rulers
- nest data sheets

Directions

1. Adults should spread out approximately 30 pompoms per student on their desk. Do not place in a bunch, but instead spread around.
2. Students will have 60 seconds to pick up as many pompoms as possible and build a dome-shaped mound nest.
3. The presenter will use a stop watch video in the presentation.
4. When time is up, adults should help students measure their nests using the rulers.
5. NOTE: measure height and width with the ruler before taking apart the nest to count how many pompoms were used.
6. Adults should also help students record their data.

