

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## BUILD A BIOCONTROL AGENT

### STEP 1: Choose an invasive species to target

Pick a real invasive species you've learned about (or the one you invented!). Write its name and a quick description.

Target Invasive Species: \_\_\_\_\_

What does it do? \_\_\_\_\_

### STEP 2: Invent your biocontrol agent

What kind of organism will help control your invasive species? You can invent a predator, parasite, pathogen, or competitor.

It's a...

- Animal (e.g., beetle, bird)
- Fungus
- Bacteria or virus
- Plant
- Other: \_\_\_\_\_

Name your biocontrol: \_\_\_\_\_

Common nickname (optional): \_\_\_\_\_

### STEP 3: Describe how it works

Explain how your biocontrol species reduces the invasive species.

It...

- Eats it
- Infects it



- Competes with it for food or space
- Prevents it from reproducing
- Other: \_\_\_\_\_

Describe the process in your own words:

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## STEP 4: Stay safe for other species

Biocontrol agents can be dangerous if they hurt native species too. How will yours avoid causing harm?

What does it NOT harm? \_\_\_\_\_

Why is it a safe choice? \_\_\_\_\_

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## STEP 5: Draw your biocontrol

Draw what it looks like and label any important features (mouthparts, spores, wings, camouflage, etc.)



## STEP 6: Give it a slogan

Every good biocontrol needs a catchy slogan to explain what it does!

Example: “Bite back at the Bullfrog!” or “Tiny wasp, big impact!”

Your slogan: \_\_\_\_\_

## BONUS: Share with the class

Present your biocontrol as a wildlife expert or scientist. Explain what it targets, how it works, and why it's safe!

