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

**Chapter 10 – Section 2**

**INVASIVE SPECIES PROJECT**

**AIM:** What is an invasive species? How do they pose a threat to biodiversity?

**OBJECTIVES:**

 • Research an invasive species

**Directions.**

1. Choose an invasive species from the list below. You may work alone or with a partner.

2. Research the following items about your species. Although it is helpful, Wikipedia is not a source that you can cite as a reference. You can use it as a place to start but please find other resources for the bulk of your content. When you list your references, I expect to see sources of information other than Wikipedia.

*Required Research for your Flyer:*

1. Image of the Invasive Species

2. Common name and Scientific Name (Genus species)

3. Identify your species as Plant or Animal.

4. Identify your species as an Aquatic or Terrestrial Pest.

5. Give a physical description of your species (size, color, etc.)

6. Where is your species native to (ie. Where is it from)? (Countries or Continents)

7. Why is it a threat or problem in the United States? What are its ‘crimes?’

8. Where does it occur in the United States? A map would be great!

9. How does it spread?

10. How did it get to the United States?

11. What are some ways its population might be controlled?

Now create a “Most Wanted Flyer” with these requirements in mind:

• Your image should be front and center and clearly visible (no poor quality images)

• You should have a clear “WANTED” statement.

• Your required items should be presented clearly, along with a list of references

• The layout of the flyer should be eye-catching, yet legible and understandable.

Possible Species (pick one)

Atlantic Cordgrass Striped barnacle

French or Scotch Broom Asian overbite clam

Pampass Grass Eastern mud snail

Yellow star thistle Spotted Goby

Japanese wireweed Glassy-winged sharpshooter

Mitten crabs European Starling

Green crabs Red Fox

Zebra mussel Asian carp

Burmese python Kudzu

**Invasive Species Project Grading Rubric**

**General Requirements:** NO YES

|  |  |  |
| --- | --- | --- |
| Image of invasive species | **0** | **1** |
| Common name of invasive species | **0** | **1** |
| Genus and species name of invasive species | **0** | **1** |
| Identified as plant or animal | **0** | **1** |
| Identified as aquatic or terrestrial pest | **0** | **1** |

**Descriptive Elements:**  missing basic thorough

|  |  |  |  |
| --- | --- | --- | --- |
| Physical description | **0** | **1** | **2** |
| Native location of invasive species  | **0** | **1** | **2** |
| Threats (“crimes”) explained clearly.  | **0** | **1** | **2** |
| Location in US – map included | **0** | **1** | **2** |
| How invasive species spread explained clearly | **0** | **1** | **2** |
| How invasive species came to US explained clearly | **0** | **1** | **2** |
| Methods for control explained clearly | **0** | **1** | **2** |

**Neatness/Creativity:**  missing basic thorough

|  |  |  |  |
| --- | --- | --- | --- |
| Image of invasive species is centered and clear | **0** | **1** | **2** |
| “WANTED” is prominently displayed | **0** | **1** | **2** |
| Required items are legible and easy to read | **0** | **1** | **2** |
| Layout of poster is logical and eye-catching | **0** | **1** | **2** |

**Bibliography:**

|  |  |  |  |
| --- | --- | --- | --- |
| Complete with at least 4 sources | **0** | **1** | **2** |

**Timeliness:**

On time \_\_\_\_\_\_\_ Presentation Late (-10 points each day late) \_\_\_\_\_\_\_\_\_\_\_

**Total points (achieved by you/you and partner) = \_\_\_\_\_\_/29**

**Effective Use of Time**

 Classroom

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 0 | 5 | 10 | 15 | 20 |
| Not on task | Rarely on task | On task some of the time | On task most of the time | Consistently on task |

**Rubric Score\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_/29**

**Individual Score\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_/20**

**FINAL GRADE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_/49**