Name_____ Date_____Hour_____

Doppler Effect

Read this article from *Science News Explores* titled “Explainer: How the Doppler effect shapes waves in motion”

Use the rubric below to create a One Pager on the back of this sheet or on a separate page.

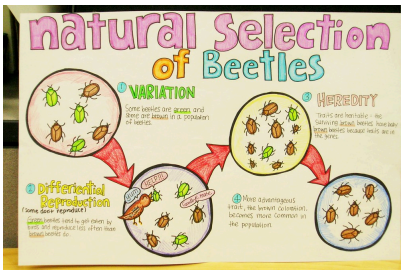
1. Divide your page into **five** sections. Leave room around the edge for a border. You can make the sections in whatever shape you want. **PUT YOUR NAME ON IT.**

2. In the sections, draw and/or write:

    a. A definition for the term “Doppler effect” **in your own words**.
    b. Describe three examples of the Doppler effect mentioned in the article.
    c. Choose two of the Power Words found at the end of the article and explain how they relate to what we have learned about sound in this unit. Draw an illustration to go with your explanation.
    d. The article mentions a number of careers that use the Doppler effect. List them and draw an illustration of a person doing **one** of those careers.
    e. Choose **one** of the careers that you listed. Explain how they use the Doppler effect. Include an illustration.

3. **Make a border** for the entire page. Use a word or symbol as part of the border design.

4. Use a lot of **color and illustrations** throughout your page.



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