There’s a new villain in town and it’s up to you to inform the public of its possible dangers and to get help from your Superhero Bacteria. You will create a WANTED poster to warn people of this scoundrel! You will use your “varmint” that you have already researched as well as your superhero bacteria that comes to the rescue.

Your poster must include:

1. Title of Superhero & Villain
   - Scientific Name
   - Common Name
2. Mug Shot & Superhero Picture
   - Draw and color a picture of your bacterium and virus.
   - Label the parts of the villain (i.e.: cell wall, flagella, head, tail, etc.).
3. Microorganism Category (bacteria or virus)
4. Disease Details
   - Body systems it attacks (nervous, muscular, respiratory, circulatory)
   - Different types of infections – Is there more than one type?
   - How is it transmitted? (air, water, contact, ingestion, blood, etc.)
5. Hideout
   - Where it can be found?
     - Where would a person come in contact with the microorganism?
     - Where would it be found in the body?
6. Victims
   - Who is most at risk?
7. Crime
   - Injury to victim (symptoms – i.e.: fever, swelling, pain, loss of consciousness, etc.)
   - Damage to the body (i.e.: tissue damage, death, etc.)
8. Protection
   - Ways to defend yourself from contracting this disease
   - Prevention (i.e.: Immunization, hand washing, etc.)
   - Treatments (i.e.: Antibiotics, surgery, etc.)
9. Other Villain & Hero details
   - Make sure your poster is colorful.
   - Details must be written in complete sentences and spelling counts!
   - Name, date, and period must be written on the back of your poster.
10. Eyewitnesses
    - Record your sources (2-3) on the back of your poster & be super creative

Procedure:
Students have one period in class to work on this and receive assistance. Any additional time needed for research or production/completion of the poster is to be completed at home.
# Grading Rubric

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Excellent 4 points</th>
<th>Good 3 points</th>
<th>Fair 2 points</th>
<th>Poor 1 point</th>
<th>Not Included 0 points</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Titles</td>
<td>Scientific and common names are given and spelled correctly.</td>
<td>Scientific and common names are given, but are spelled incorrectly.</td>
<td>One name is given and it is spelled correctly.</td>
<td>One name is given, but it is misspelled.</td>
<td>Not present</td>
</tr>
<tr>
<td>2. Mug Shot &amp; superhero</td>
<td>Neat, colorful, accurate, parts labeled.</td>
<td>Diagram or picture is included, but it doesn’t meet 1 of 4 criteria.</td>
<td>Diagram or picture is included, but doesn’t meet 2 of 4 criteria.</td>
<td>Diagram or picture is included, but doesn’t meet 3 of 4 criteria.</td>
<td>Not present</td>
</tr>
<tr>
<td>3. Category</td>
<td>Correct category of microorganisms is present, and it is spelled correctly.</td>
<td>Correct category of microorganisms is present, but it is misspelled.</td>
<td>Category of microorganisms is present, but it is incorrect.</td>
<td>Category of microorganism is present, but incorrect and misspelled.</td>
<td>Not present</td>
</tr>
<tr>
<td>4. Details</td>
<td>Correctly describes system attacked, types, and methods of transmission.</td>
<td>Correctly describes all criteria, but contains spelling or grammatical errors.</td>
<td>Correctly describes 2 of 3 criteria: system attacked, types, and transmission</td>
<td>Correctly describes 1 of 3 criteria: system attacked, types, and transmission.</td>
<td>Not present</td>
</tr>
<tr>
<td>5. Hide Out</td>
<td>Clearly describes where the microorganisms can be found/contracted.</td>
<td>Describes where the microorganism can be found/contracted, but more detail is needed.</td>
<td>Attempts to describe where the microorganisms can be found, but is somewhat unclear.</td>
<td>Attempts to describe where the microorganisms can be found, but is explanation is extremely confusing.</td>
<td>Not present</td>
</tr>
<tr>
<td>6. Victims</td>
<td>Victim (organism) identified and multiple examples are given with explanation.</td>
<td>Victim (organism) identified and multiple examples are given.</td>
<td>Victim (organism) identified and an example is given.</td>
<td>Victim (organism) identified and one or more examples are given, but description contains errors.</td>
<td>Not present</td>
</tr>
<tr>
<td>7. Crime</td>
<td>Clearly and accurately describes major symptoms and damage to the body in detail.</td>
<td>Describes major symptoms and damage to the body.</td>
<td>Attempts to describe symptoms and damage to the body, but is unclear.</td>
<td>Attempt is made to describe symptoms and damage to the body, but information is extremely confusing.</td>
<td>Not present</td>
</tr>
<tr>
<td>8. Protection from Superhero</td>
<td>Defenses against microorganism are fully explained along with prevention &amp; treatment.</td>
<td>2 of 3 are explained: Defenses against microorganism, prevention, &amp; treatment.</td>
<td>1 of 3 are explained: Defenses against microorganism, prevention, &amp; treatment.</td>
<td>Attempt to explain defenses, prevention, &amp; treatment, but is extremely confusing.</td>
<td>Not present</td>
</tr>
<tr>
<td>9. Neatness, Accuracy, Creativity, Name</td>
<td>All four criteria are met.</td>
<td>3 of 4 criteria met.</td>
<td>2 of 4 criteria met.</td>
<td>1 of 4 criteria met.</td>
<td>Not present</td>
</tr>
<tr>
<td>10. Eyewitnesses</td>
<td>2-3 required sources are cited on the back of the poster.</td>
<td>1 source is cited on the back of the poster.</td>
<td></td>
<td></td>
<td>Not present</td>
</tr>
</tbody>
</table>

**Score**