# Fourth Grade Insect Project Rubrics

## Insect Brochure Panel Rubric

<table>
<thead>
<tr>
<th>Score</th>
<th>Criteria</th>
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| 4     | Insect brochure is colorful, detailed, and neat.  
       | Brochure shows in-depth understanding of scientific concepts and terms.  
       | Brochure drawings and explanations must perfectly match the model.  
       | All spelling and grammar must be correct.  
       | The brochure includes the following:  
       | * Cover illustration of the insect with correct labeling of all body parts  
       | * Illustration and description of insect’s habitat with caption explaining how the insect is well-suited to its environment  
       | * Diagram of the insect’s life cycle with correctly labeled stages and explanation of life cycle  
       | * A text box with a detailed explanation and illustration for all four following topics: movement, diet, protection, and helpful/harmful behavior. |
| 3     | Insect brochure is colorful and detailed.  
       | Brochure shows understanding of scientific concepts and terms.  
       | Brochure drawings and explanations match the model.  
       | Most spelling and grammar are correct.  
       | The brochure includes the following:  
       | * Cover illustration of the insect with correct labeling of all body parts  
       | * Illustration of insect’s habitat with caption explaining how the insect is suited to its environment  
       | * Diagram of the insect’s life cycle with correctly labeled stages  
       | * A text box and illustration for three out of four of the following topics: movement, diet, protection, and helpful/harmful behavior. |
| 2     | Insect brochure is colorful.  
       | Brochure shows some understanding of scientific concepts and terms.  
       | There are some noticeable errors in spelling and grammar.  
       | The brochure includes the following:  
       | * Cover illustration of the insect with correct labeling of most body parts  
       | * Illustration and description of insect’s habitat with caption containing limited information about how the insect is well-suited to its environment  
       | * Diagram of the insect’s life cycle  
       | * A text box illustration for two of the following topics: movement, diet, protection, and helpful/harmful behavior. |
| 1     | Insect brochure is colorful.  
       | Brochure shows limited understanding of scientific concepts and terms.  
       | Brochure drawings and explanations do not match the model.  
       | There are noticeable errors in spelling and grammar.  
       | The brochure includes the following:  
       | * Cover illustration of the insect may not have correct labeling of all body parts  
       | * Illustration and description of insect’s habitat with caption may not explain how the insect is suited to its environment  
       | * Diagram of the insect’s life cycle may not have correctly labeled stages and/or explanation of life cycle may be incorrect  
<pre><code>   | * A text box with a detailed explanation and illustration for only one of the following topics: movement, diet, protection, and helpful/harmful behavior. |
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| 4     | All body parts must connect to other body parts correctly. For instance, the antennae must connect to the head. This model must be well-constructed and sturdy. Materials used in the construction of the insect clearly match the specific uses and adaptations of each body part. For instance, a jumping insect has strong jointed legs, or a bug-eating insect has mandibles. This model must perfectly match the written description on the brochure.  
Insect model includes the following:  
* 3 distinguishable body parts  
* spiracles  
* 2 or more eyes  
* Optional wings  
* 6 jointed legs  
* 2 antennae  
* Mouth parts |
| 3     | All body parts must connect to other body parts correctly. For instance, the antennae must connect to the head. Materials used in the construction of the insect match the specific uses and adaptations of each body part. For instance, a jumping insect has strong jointed legs, or a bug-eating insect has mandibles. This model must match the written description on the brochure.  
Insect model includes the following:  
* 3 distinguishable body parts  
* 2 antennae  
* Mouth parts  
* 6 legs  
* 2 or more eyes  
* Optional wings |
| 2     | Some body parts may not be connected to other body parts correctly. For instance, the antennae may be connected to the thorax. This model must be well-constructed and sturdy. Materials used in the construction of the insect do not match the specific uses and adaptations of each body part. For instance, a jumping insect has tiny legs, or a bug-eating insect has a proboscis. This model may not match the written description on the brochure.  
Insect model includes the following:  
* 3 body parts  
* 2 antennae  
* Mouth parts  
* 6 legs  
* 2 or more eyes  
* Optional wings |
| 1     | Some body parts may not be connected to other body parts correctly. For instance, the antennae may be connected to the thorax. This model is not sturdy. Materials used in the construction of the insect do not match the specific uses and adaptations of each body part. For instance, a jumping insect has tiny legs, or a bug-eating insect has a proboscis. This model must match the written description on the brochure.  
Insect model may be missing one or more of the following:  
* 3 body parts  
* 2 antennae  
* Mouth parts  
* 6 legs  
* 2 eyes  
* Optional wings |