Six-Legged Science
Pre-visit Activities

The activities in your pre-visit packet have been designed to help you and your students prepare for your upcoming program at St. Joseph County Parks. The purpose of the pre-visit packet is to help students learn about insects. By familiarizing your students with this information, they will have a better understanding of the activities that we will conduct with them at the park. If you don’t have time to use these as pre-activities, you can also use them as post activities, to measure how much your students learned during the program.

Which Ones Are Insects?
Some of these animals are insects and some of them are not. *Circle the ones that are insects.*

Remember that an insect has six legs and three body parts!

Millipede
Flea
Worm
Spider
Ant
Mosquito
Moth
Tick
Dragonfly
Grasshopper
Scorpion
Snail
What’s for Lunch?

Insects eat many different things depending on the type of mouth they have. *Follow the dotted lines to connect the insect with its food.*

Mosquito → Leaf

Fly → Nectar

Butterfly → Garbage

Grasshopper → Dragonfly
Measure a Butterfly

The distance from one edge of a butterfly’s wings to the other is called its wingspan.

*Measure the wingspans of these butterflies. Write the answer on each line.*

1. [Butterfly Image]
   - wingspan: **inches**

2. [Butterfly Image]
   - wingspan: **inches**

3. [Butterfly Image]
   - wingspan: **inches**

4. [Butterfly Image]
   - wingspan: **inches**

5. [Butterfly Image]
   - wingspan: **inches**

6. [Butterfly Image]
   - wingspan: **inches**
Insect Rhyming Words

When words begin with different sounds but end with the same sound, we say they rhyme. The words fly and try rhyme. Some words that end with the same letters do not rhyme. The words hear and bear do not rhyme. Some words that end with different letters do rhyme. The words bird and word do rhyme. In each row, circle the one word that rhymes with the first word.

<table>
<thead>
<tr>
<th>ant</th>
<th>tiny</th>
<th>pants</th>
<th>any</th>
</tr>
</thead>
<tbody>
<tr>
<td>moth</td>
<td>cloth</td>
<td>take</td>
<td>fall</td>
</tr>
<tr>
<td>hive</td>
<td>give</td>
<td>hill</td>
<td>alive</td>
</tr>
<tr>
<td>sting</td>
<td>rest</td>
<td>like</td>
<td>wing</td>
</tr>
<tr>
<td>beetle</td>
<td>needle</td>
<td>best</td>
<td>cave</td>
</tr>
<tr>
<td>bee</td>
<td>lie</td>
<td>sea</td>
<td>say</td>
</tr>
<tr>
<td>tick</td>
<td>bite</td>
<td>dog</td>
<td>lick</td>
</tr>
<tr>
<td>bug</td>
<td>hug</td>
<td>frog</td>
<td>nest</td>
</tr>
<tr>
<td>cricket</td>
<td>line</td>
<td>sing</td>
<td>ticket</td>
</tr>
<tr>
<td>hop</td>
<td>prop</td>
<td>flip</td>
<td>jump</td>
</tr>
</tbody>
</table>

Insect Quiz

Read these five questions carefully. Put an X in the box beside each right answer. For some questions, you will need to mark more than one box.

1. How many legs does an insect have?
   - [ ] four
   - [ ] six
   - [ ] eight
   - [ ] ten

2. How many parts does an insect’s body have?
   - [ ] two
   - [ ] three
   - [ ] four
   - [ ] five

3. Which two of these animals are insects?
   - [ ] dragonfly
   - [ ] worm
   - [ ] moth
   - [ ] tick

4. Which of these three things do insects eat?
   - [ ] nectar
   - [ ] steel
   - [ ] garbage
   - [ ] leaves

5. Which insect protects itself by stinging?
   - [ ] fly
   - [ ] hornet
   - [ ] beetle
   - [ ] grasshopper
Which Ones Are Insects?
The following insects should be circled:
- flea
- ant
- mosquito
- moth
- dragonfly
- grasshopper

Insect Quiz
1. six
2. three
3. dragonfly, moth
4. nectar, garbage, leaves
5. hornet

Measure a Butterfly
1. 3 inches
2. 3 1/4 inches or 3 4/16 inches
3. 3 1/2 inches or 3 8/16 inches
4. 3 3/4 inches or 3 12/16 inches
5. 3 1/2 inches or 3 8/16 inches
6. 3 inches

Insect Rhyming Words
ant - pants
moth - cloth
hive - alive
sting - wing
beetle - needle
bee - sea
tick - lick
bug - hug
cricket - ticket
hop - prop