Don't Bug Me

Number of Participants: 2
Time: 30 minutes

Description:
Contestants will be asked to:

- Know the characteristics of Arthropods
- Classify, identify, and name major Classes of Arthropods and Orders of Insects
- Label various external/internal body parts including leg segments, antennae, body segments, mouth types, major organs.
- Describe characteristics of various Insect Orders
- Describe the different types of Insect Life-Cycles

Competition:

- Students will rotate to different displays and must correctly identify the Order of insect shown.
- Students should know the five major Classes of Arthropods and the following Orders of Insects:
  - **Classes:** Arachnid, Chilopod, Crustacea, Diplopoda, Insecta.
  - **Insect Orders:** Lepidoptera, Orthoptera, Hymenoptera, Diptera, Hemiptera, Coleoptera, Isoptera, Dermaptera, Mantodea, Blattodea, Phasmatodea, and Odonata.
- Participants will be asked questions about the insect's body parts, specialization, and habits.
  - **Sample Questions:**
    - What does the Order name mean?
    - Name 2 types of camouflage.
    - What characteristics do all Arthropods have in common?

Each two-member team may develop and bring to the competition a **one-page key (back to back, 9 X 12 maximum)** to aid them in answering the questions. This must be original material and **CANNOT BE TYPED OR PHOTOCOPIED. All diagrams must be hand drawn.**

Resources:

Web:  
- [http://www.earthlife.net/insects/six.html](http://www.earthlife.net/insects/six.html)

Books:  
- Dorling Kindersley Handbooks: INSECTS Spiders and Other Terrestrial Arthropods
- Dorling Kindersley: SECRET WORLDs: Bugs
- Visible Ink Press: The Handy Bug Answer Book
- Usborne Mysteries and Marvels: Insect Life

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