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| **Investigating Interesting Insect Information**  |
| Begin by reviewing basic insect facts at [**Let's Talk About Insects**](http://urbanext.illinois.edu/insects/). What traits do all insects have in common?  1. How is a [bumble bee different from a honey bee](http://www.ipm.iastate.edu/ipm/iiin/bbumbleb.html)? 2. Many insects use camouflage. Name one of the [laws of camouflage](http://www.units.muohio.edu/dragonfly/hide/gestalt.shtml).  3. What is your state's official insect? (*Use your online research skills to find the answer.*) 4. What [is the third stage of the monarch butterfly's life cycle called](http://www.monarchWatch.org/biology/index.htm)?  What occurs during that stage? The monarch butterfly's life cycle is an example of: [simple](http://www.backyardnature.net/metasimp.htm) metamorphosis or [complete](http://www.amnh.org/learn/biodiversity_counts/ident_help/Parts_Arthropods/metamorphosis.htm) metamorphosis? 5. Examine the maps. When did the [monarch butterflies](http://www.learner.org/jnorth/monarch/spring2009/Update052109.html) arrive in your region in 2009? Compare that date to the [2015 arrival](https://www.learner.org/jnorth/maps/galleries/2015/spring.html) in your area. Which was earlier?  [Monarch butterflies](http://www.monarchwatch.org/tagmig/fallmap.htm) migrate south each year. Where do the monarch butterflies living in your community go?r 6. How are plants [important to butterflies](http://www.clemson.edu/extension/hgic/hot_topics/2015/07frequently_asked_questions_about_butterfly_gardens.html)?  7. Do bees communicate with each other? [How](http://www.pbs.org/wgbh/nova/bees/dances.html)?  Think about it. Do people communicate this way?  8. What is [entomology](http://bijlmakers.com/insects/entomology-for-beginners/)?   9. Deserts are hot, dry and inhospitable. [Name three **insects**](http://www.windows.ucar.edu/tour/link%3D/earth/desert_insects.html) that live in the desert. |