**![C:\Users\deborah.chabi\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\ZGXID90Z\MP900384735[1].jpg]()**[**How Spiders Work**](http://animals.howstuffworks.com/arachnids/spider.htm) **- ![C:\Users\deborah.chabi\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\9XGG0MFO\MC900364598[1].wmf]()**

**Use the website to learn all you ever wanted to know about spiders.**

**Answer on your own paper. Click on the link above to go to the site.**

1. How long have spiders been around on our planet?
2. Compare the number of spider species to the number of known mammal species.
3. Give a breakdown of spider classification. Do this by clicking on the buttons.
4. What are the basic characteristics of a spider.
5. Which spider is the video discussing and what makes this spider unique?
6. Spiders have the same basic bodily systems as people, but they don't work in the same way and they're arranged differently in the body. What is contained in the cephalothorax and abdomen? How is this different than humans?
7. Name and describe the 2 types of respiratory systems in spiders.
8. How are the spider’s circulatory and nervous systems different than ours?
9. How do most spiders primarily interact with the world? What kind of special hairs do they have?
10. Should you be afraid of a mygalomorphae?
11. Make a cartoon of a spider molting explaining how it occurs.
12. Make a diagram of the spinning process of spider silk. Include any of the spider anatomy involved.
13. Why has spider silk attracted the attention of scientists and how are goats involved?
14. Name all the ways that spiders use silk to catch their prey.
15. What are the major steps in making a spider web. Make a cartoon version.
16. Not all spiders use webs for hunting. What are some other methods spiders use to catch prey?
17. Draw the picture on the page titled Spider Venom and discuss all the parts using information from the reading.
18. How do spiders eat their prey?
19. What is the difference between venomous and poisonous?
20. What are neurotoxins?
21. Which are some of the most deadly North American spiders?
22. Compare and contrast spider sex with human sex.
23. How do baby spiders mature?
24. What do Wolf Spider species do with their spiderlings?