



# Fangs in Focus:


## Demystifying the Snake's Arsenal



### Student Worksheet

As you watch the slide presentation, answer these questions:

1. Do all snakes have venom?
2. Why do snake's fangs have different shapes/ structures?

Describe the different types of snake fangs and why they are different.

TYPE OF TOOTH	PICTURE	DESCRIPTION
Aglyphous		
Opisthoglyph	 <a href="https://allyouneedisbiology.files.wordpress.com/2015/01/68nigri-futand1.jpg">https://allyouneedisbiology.files.wordpress.com/2015/01/68nigri-futand1.jpg</a>	

Solenoglyph	 <p><a href="https://blog.wcs.org/photo/wp-content/uploads/2015/01/%C2%A9AMNHC.-Chesek-CC_DB_Skull-736x650.jpg">https://blog.wcs.org/photo/wp-content/uploads/2015/01/%C2%A9AMNHC.-Chesek-CC_DB_Skull-736x650.jpg</a></p>	
Proteroglyph	 <p><a href="https://www.nps.gov/cabr/blogs/images/Proteroglyphous-Dentition.png">https://www.nps.gov/cabr/blogs/images/Proteroglyphous-Dentition.png</a></p>	

Describe what you noticed about each of the ejection of the “venom”. Measure the amount of venom that you were able to eject though the fang. If you did not test all of the different types of fangs, ask your classmates to share their observations.

Type of tooth	“Venom” Flow observation	Amount of “venom” ejected	Effective?
Aglyphous			
Opisthoglyph			

Solenoglyph			
Proteroglyph			

### GRAPH IT

Create a bar or line graph of the amounts of venom that was collected.

Which of the fang models were the most effective at sending out the venom? Defend your answer.

How are different fang types advantageous for specific types of prey and hunting strategies? Explain



