



Inquiry Unit: The Adaptable Snake!

Unit Objective: Participants will illustrate a snake's adaptive color and markings in its native environment. Participants will learn how these unique markings help with survival in its habitat.

Creativity Component:

Inspiration: Participants will be inspired by science and nature. Possible springboards for discovery may include observation of live snakes from local wildlife organizations, visual aids and/or videos.

Iteration: Participants will make any needed changes to their drawing of the snake's markings or correlated habitat to get desired outcome.

Innovation: Participants will make an original painting and cutout of a snake in its natural environment.

Materials Needed: Thick paper, watercolor paints, black glue, pencils, crayons.

Differentiation Activities: Students will be led through the activity with consideration given to age and abilities. Students that require additional assistance will be guided through the building process. Basic and more advanced visual representations of snake adaptations and habitats are included. Depth can be added by exploring the habitat and the function of systems within the habitat that support the snake to survive different elements.

Assessment of Unit Objective: Participants will choose an appropriate pattern, color and landscape that correlates with their snake to then illustrate and paint their own.

Primary Grade Levels Supported:

Science TEKS

1st Grade: (112.12) 1.9 and 1.10

2nd Grade: (112.13) 2.9 and 2.10

3rd Grade: (112.14) 3.9 and 3.10

4th Grade: (112.15) 4.10

English Language Arts TEKS

1st Grade: (110.3) 1.14 and 1.26

2nd Grade: (110.4) 2.14 and 2.27

Art TEKS

1st Grade: (117.105) 2a, 3d & 4c

2nd Grade: (117.108) 2b, 2c, 3d & 4c

3rd Grade: (117.111) 2c, 3d & 4c

4th Grade: (117.114) 2a, 3d & 4c

5th Grade: (117.117) 2a, 4c

Reflection/Take Home Learning Ideas: Play an easy matching game. Next time you visit a local wildlife center or zoo, see if you can guess what habitat each animal is from by its colors or markings. How would these marking help the animal in the wild?