



Air of the Wolf

Wolf Elective



Note to Parents, Guardians, or other Caring Adult

Occasionally, the requirements ask the Cub Scout to address or present to their den. This can be facilitated by recording your Scout with the use of a smartphone, computer with a camera, or an alternative device. WHEN RECORDING, PLEASE ENSURE THAT YOUR SCOUT IS WORKING WITH AN ADULT TO VERIFY THAT WE ARE USING SAFE INTERNET PROTOCOLS AND PROPER YOUTH PROTECTION GUIDELINES.

Please send or email your videos to your local Den Leader or Cubmaster so they can record your completion on this elective.

You can complete any of the requirements, but this slideshow is designed with preselected activities that would be most suitable to complete at home.

Online Resource

[Air of the Wolf Workbook](#)



Air of the Wolf Requirements

Complete the following Requirements.

1. Conduct two of the following investigations to see how air affects different objects:

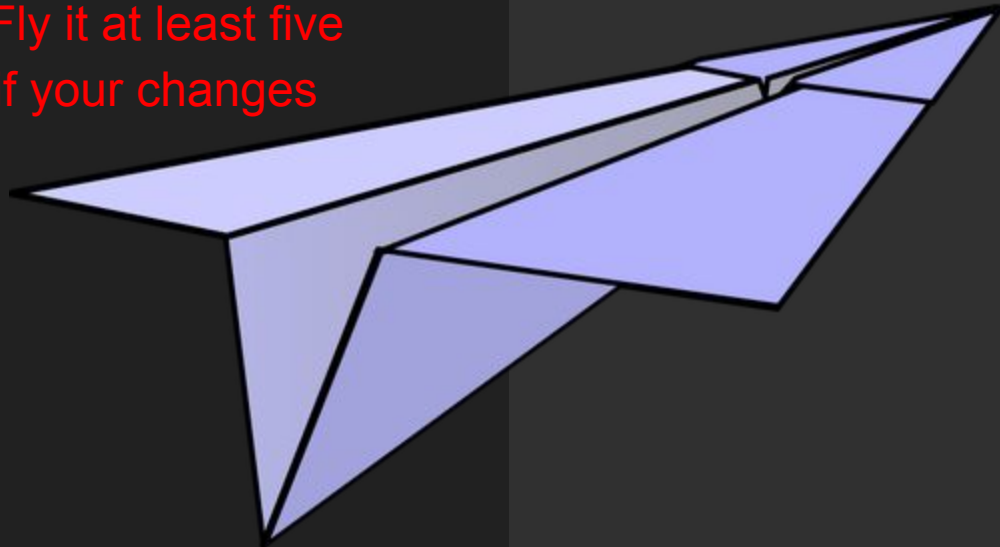
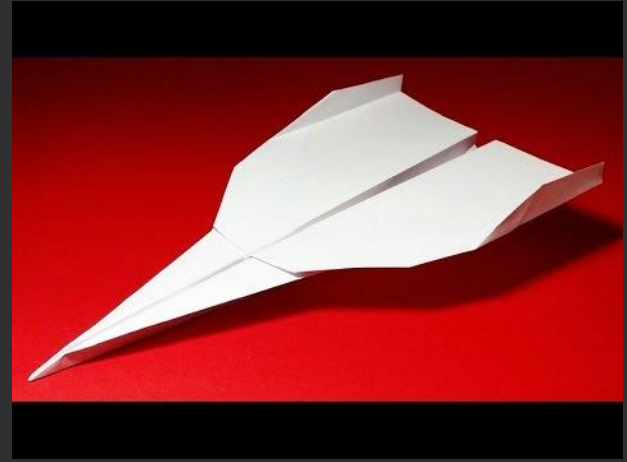
- A. Make a paper airplane and fly it five times. Try to make it fly farther by altering its shape. Fly it at least five more times to see if your changes were effective.
- B. Make a balloon-powered sled or a balloon powered boat. Test your sled or boat with larger and smaller balloons.
- C. Bounce a basketball that doesn't have enough air in it. Then bounce it when it has the right amount of air in it. Do each one 10 times. Describe how the ball bounces differently when the amount of air changes.
- D. Roll a tire or ball that doesn't have enough air in it, and then roll it again with the right amount of air. Describe differences in how they move.

2. Complete two of the following:

- A. With other members of your den, go outside and record the sounds you hear. Identify which of these sounds is the result of moving air.
- B. Create a musical wind instrument, and play it as part of a den band.
- C. With an adult, conduct an investigation on how speed can affect sound.
- D. Make a kite using household materials. With your den or family, explain the rules for safely flying kites. Fly your kite.
- E. With your family, den, or pack, participate in a kite derby, space derby, or rain gutter regatta. Explain how air helps the vehicle move.

Air of the Wolf Requirements

1A. Make a paper airplane and fly it five times. Try to make it fly farther by altering its shape. Fly it at least five more times to see if your changes were effective.



Air of the Wolf

Requirements

1C. Bounce a basketball that doesn't have enough air in it. Then bounce it when it has the right amount of air in it. Do each one 10 times. Describe how the ball bounces differently when the amount of air changes.



Have an adult help you release some air from a basketball.

Practice bouncing a flat basketball.

Have an adult inflate the basketball.

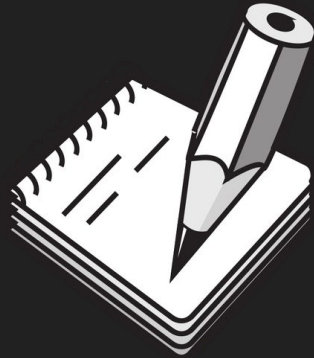
Practice bouncing the basketball.

How were the two experiences different?



Air of the Wolf Requirements

2A. With other members of your den, go outside and record the sounds you hear. Identify which of these sounds is the result of moving air.



Go outside.

Take a moment to listen to nature.

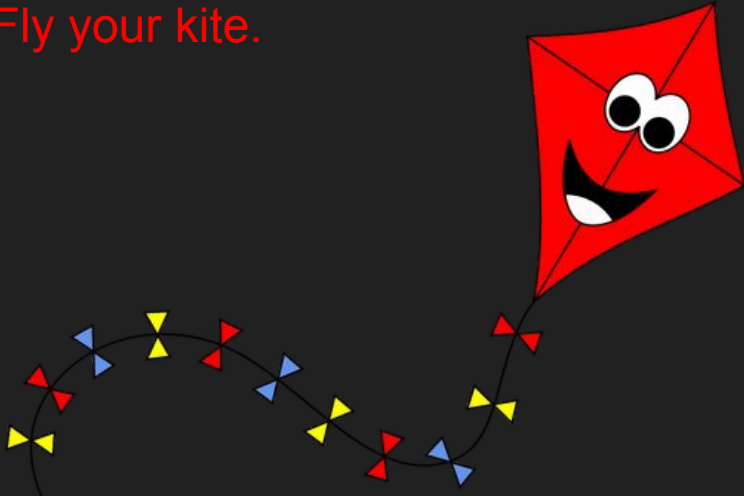
Write down what you hear.

Which sounds came from moving air?



Air of the Wolf Requirements

2D. Make a kite using household materials. With your den or family, explain the rules for safely flying kites. Fly your kite.



[Very Simple Kite](#)

[Make an Easy Kite](#)

[Two-Step Homemade Kite for Kids](#)

[Kite Safety](#)

