



BRINGING THE **ADVENTURE** WHEREVER YOU ARE!

Witty Wolf Challenges!

Air of the Wolf



Objective: Scouts will be able to discuss the importance and different forms of air in the world, in addition to creating activities that utilize this knowledge.



SCAN ME WITH YOUR SMART DEVICE'S CAMERA
TO FOLLOW AND SHARE YOUR SCOUTING
ADVENTURES

Directions:

1) Scouts must complete at least one of the following investigations:

- Make a paper airplane! Decide on design and create it! Name your airplane or create an airline for it. Throw it 5 times and see how far it goes. Re-design it and see if goes any farther or even shorter. Talk about your observations.
- Bounce a basketball, or any you may have, with no air in it v.s. with air in it. Do this 10 times and discuss the scouts observations. Repeat this with rolling the ball.

2) Scouts must complete at least two of the following investigations:

- Go outside and records the sounds you hear. Identify the sounds, specifically if they are moving air or not. What do you think moving air would sound like?
- Using a paper roll create a musical instrument and create and decorate your own band!
- Make and fly a kite using household materials. Estimate how high you think the kite will fly and discuss what wind/air has to do with this.



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Wolf + MATH = FUN



Objective: Scouts will increase their conceptual understanding of numeracy, and real world applications of numeracy.



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Directions:

- 1) Play a game of “Go Scouting” (Go Fish). Talk about if a number is larger or smaller than another, and organize your pairs from smallest to largest.
- 2) Mathematics Scavenger Hunt!!!
 - a. Have scouts go on a real-world mathematical applications scavenger hunt. Scouts should try to find at least 5 examples, other than money, of mathematical applications.
 - b. Have scouts find 3 examples of different shapes, as well. Scouts will discuss what the shapes are and other examples of these shapes in nature and the world.
- 3) Communicating through numbers!
 - a. Create a secret code using numbers to send a message to another scout. Have the other scout decode the number message using a decoder you created, and respond back utilizing the code.
- 4) Grow, grow, grow!
 - a. Have scouts measure each other, friends, family friends. Make sure the scouts record their measurements. Discuss the difference between the larger and smaller numbers in regard to height. Predict how much each person will grow in a given period of time, such as a month. Remeasure weekly and record your measurements. Compare and contrast the scout's original measurements v. their final.