Go Fly A Kite

Sections

Joey Scouts
Cub Scouts
Scouts
Venturer Scouts
Rover Scouts

Scouts VICTORIA

Last updated:

Challenge Areas

COMMUNITY
CREATIVE
OUTDOOR
PERSONAL GROWTH

Scout Method Elements

COMMUNITY INVOLVEMENT
LEARNING BY DOING
NATURE AND THE OUTDOORS
PROMISE AND LAW
PERSONAL PROGRESSION
PATROL SYSTEM
SYMBOLIC FRAMEWORK
YOUTH LEADING, ADULTS SUPPORTING

SPICES Growth Areas

CHARACTER
EMOTIONAL
INTELLECTUAL
PHYSICAL
SOCIAL
SPIRITUAL

The Adventure

Get outside and fly a kite! Design and build your own kites and see how well they fly. Compare designs to come up with the best kite.

Plan

- Where do you want to do this adventure?
- You will need a wide-open outdoor space to fly your kites.
- What do you know about how kites fly?
- What are some of the features of a kite?
- What makes a kite fly?
- What do you need to know about flight before you can build a kite?

Materials

Building materials can include (but are not limited to):

- Plastic grocery bags
- Drinking straws
- Clear tape
- String
- Paper (A3 or A4 size)
- Stapler
- Pieces of nylon fabric
- Scissors
- Hole punch
- Bamboo skewers
- Pre-made kite

Online resources

- KiteSmart Australia
- Kites
- Kite building templates
- NASA Kites
- Let's Go Fly a Kite

Do

- Examine and fly a pre-made kite.
- What do you notice about how it is built?
- How well does it fly?
- Gather the materials you will need to make your kite.
- Build a few kites and test them out.
- Some kites use tails while others do not. Which kites need a tail?

Review

- What do you know now that you did not know before?
- What did you notice about the different kite styles? How were they different? How were they the same?
- How much wind did each kite need?
- How much does each kite weigh?
- How does this affect how easily it flies?
- What elements of STEM did you use in this adventure? Science, Technology, Engineering, or Mathematics?
- What did you like about this adventure? What did you not like?
- How would you do this adventure differently?
- How will you hold on to the spool of string?

Safety

- See KiteSmart Australia's Safety Guide
- You must not fly a kite more than 122 metres (400 feet) above ground level or within 4 kilometres (3 miles) of an airfield.
- Check the area for hazards such as powerlines or roads
- Garbage bags and plastic grocery bags can be very dangerous and should never be put over anyone's head.
- How can you stay safe while flying a kite?