

ADDITIONAL TRAIL ACTIVITIES TRAIL TO THE FUTURE

SCIENCE ACTIVITIES

- DP1 Many experiments have been done to see what music's effect on growing plants is. Does music help or hinder a plant's growth? You will need three or more of the same type of plant for this activity. Leave one plant in a room with classical music playing constantly. Leave another plant in a room with hard rock, jazz, country or some other type of music playing constantly. Leave a third plant alone with no exposure to music. Note the comparative health of the plants after one week (or a predetermined amount of time) and make conclusions based on the results of your experiment.
- DP1 Know the difference between a direct current and an alternating current. Explain what overloading an electric current means.
- DP2 Increase your grade in science class from one grading cycle to the next. Show your report card to your activity leader or adult facilitator.
- DP2 Increase your grade in math class from one grading cycle to the next. Show your report card to your activity leader or adult facilitator.
- DP2 With the permission and supervision of a parent or other adult, choose a manufactured item (small appliance or electronic toy) and find out how and why it works. Understand what sort of energy was needed for it to operate.
- DP2 Enter a project in a school or community science fair.
- DP2 Visit a science museum with your group or your family. Write down at least three things you learned from your visit. Share these in written or visual form with your group.

SPORTS AND GAMES ACTIVITIES

- DP2 Participate for one full season as a member of an organized team sport.
- DP2 Participate for one full season as a member of an organized game.
- DP1 Choose two sports and draw a diagram of the playing area for these sports. Share these with your group, activity leader or adult facilitator.
- DP1 Learn the basic rules for playing a group or team sport of your choosing. Share these with your group.
- DP1 Learn the basic rules for playing an individual sport of your choosing. Share these with your group.
- DP2 Participate in a sport of your choice in a tournament, meet or other form of competition.
- DP2 Learn to play two new card games or board games. Play them with your group or your family.