

COMMUNICATION PRACTICE

Objective

Upon completion of this activity, students will be able to:

- develop and strengthen communication skills
- work together to accomplish problem-solving activity

Instructional Time

45 Minutes

Materials

Student pages- 2 sheets

Box of crayons

Stopwatch

Divider (optional)

Procedure

1. Instruct the group to work in pairs.
2. Each team has a piece of grid paper and a box of crayons.
3. Team members may either sit back to back or place a divider between them.
4. One team member, using the crayons, colors a design on his/her grid paper. He/she must use 20 squares and every colored square must be touching at least one other colored square.
5. Once that team member is finished making the design, he/she passes the box of crayons to the partner, but does not let the partner see the design.
6. Still sitting back to back or with a divider between team members, the first partner must describe to the second partner exactly how to duplicate the design on the grid paper. He/she has a 3-minute time period in which to do this. It is important that this activity be timed.
7. At the end of 3 minutes, the second team member's design is checked to see how closely it matches the first team member's. Each square that is colored properly and is in the correct location is worth 1 point. A perfect score is 20. (Remember, this requires teamwork. The better each partner's score, the better the communication!)
8. This activity can be repeated several times using a new design each time.
9. When the task is complete, put all crayons back in the box and return all materials to the proper container.

Discussion

1. What was the team's score?
2. How could the direction be improved to increase the team's score?
3. How does this activity demonstrate good communication skills?
4. Why are good communication skills so important to a space mission?

Student Name _____ Date _____

COMMUNICATION PRACTICE

Directions: You will work with a partner. Together you will need a grid paper and box of crayons/colored pencils. Sit back to back with your partner or put a divider between you. One person will use the crayons/colored pencils to draw a design on the grid paper. The design must include 20 squares and every square must be connected to at least one other square. When finished, pass the box of crayons/colored pencils to the other person, but do not let him/her see the design. The person who drew the first design has 3 minutes to give instructions to the other person for completing the same drawing. At the end of 3 minutes you may check your work with your partner's. When checking your work, you earn 1 point for each square that is colored correctly.

Discussion

5. What was the team's score?
6. How could the direction be improved to increase the team's score?
7. How does this activity demonstrate good communication skills?
8. Why are good communication skills so important to a space mission?

Student Name _____ Date _____

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