

MARBLE Maze

STUDENTS WORK AS A TEAM TO MOVE A LARGE MARBLE THROUGH A MAZE



MARBLE MAZE ACTIVITY #1



MATERIALS NEEDED:

Marble Maze Base, included
Marble Maze Insert(s), included
Marble (large), included



PRIOR TO ACTIVITY:

Choose which Marble Maze insert you wish students to use.



THE ACTIVITY:

Show students the Marble Maze and where the maze begins and ends. Their job is to work as a team to get the large marble from the start to the finish without it falling into one of the six holes. If the marble falls into a hole, someone must remove it and place it back at the start. Students may only hold onto the handles. The marble may only be touched when removing it from a hole is required. Once students have success, they should attempt Activity #2.



SAMPLE PROCESSING QUESTIONS:

1. Describe how your group worked together on this task.
2. Give several examples of group cooperation that you observed/experienced.
3. What was the most challenging thing about this activity?
4. What did you learn from this activity?
5. If you were to do this again, what would you do differently?



CONCEPTS:

Problem Solving, Teamwork, Patience, Communication, Perseverance and Cooperation.



VARIATIONS:

1. Place a time limit for successfully completing the Marble Maze.
2. Use a stopwatch and have students try to complete the maze more quickly.
3. Try a different Marble Maze insert.
4. Place a Magna® Peg on the side of the Marble Maze base each time a marble falls into a hole. In other words, the marble can fall into a hole only six times.
5. Place two Magna® Pegs next to each other inside the maze to shorten the maze or to create a "pause point" in the activity.
6. To increase difficulty, do not allow students to speak to one another.
7. Allow only one person to speak and direct the group.



WARNING: CHOKING HAZARD - This product contains a marble. Not for children under 3 years.
This product contains small magnets. Do not ingest or inhale.