

The Sun and Solar Wind: A Search for the Beginning

Photons in the Radiative Zone: Which Way is Out? An A-Maz-ing Model

STUDENT ACTIVITY

You will work on this assignment in pairs. One student in each group should record the problem-solving processes used to complete the assignment. Record whether or not the process was successful and why it was or was not. Be prepared to share these notes with other members of the class. You may want to complete the maze in pencil, since you may wish to make more than one try at the problem.

The goal of this assignment is to find a way out of the maze, following these instructions.

Names of students in the team: _____

1. Note the time started on line b.

Exit time: a) _____
Time started: b) _____
Time required: c) _____

- 2. Start at the center of the maze. Using a straight edge, draw a line out from the center circle until it intersects a barrier.
3. Use a protractor to determine the angle at which the line intersects the barrier.
4. Measure an equal angle in the opposite direction of the intersection. Draw a straight line at this angle until it intersects another barrier.
5. Continue this process until the line goes through an opening in the outside line.
6. Record the time on the line labeled "exit time" and calculate the time required to complete the assignment.

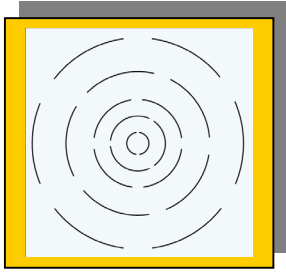


Figure 1

