

**LASER QUEST GRATEFULLY ACKNOWLEDGES
THE CONTRIBUTIONS OF THE FOLLOWING
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“LASERS & MAZES” PROGRAM:**

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**To Find Out More About the
“Lasers & Mazes” Program call:**



Quest For Knowledge
The Laser Quest Education Program

LASERS AND MAZES

**We Make
Learning
a Blast!**

The Quest for
Knowledge
Education Program
Presents
“Lasers & Mazes”



A Unique Learning Experience that will have Your Students Beaming.

The Quest for Knowledge Education Program is no ordinary field trip. It's an educational excursion that promises to be one-of-a-kind, informative and fun-filled for both you and your students. It is an interactive and entertaining program that promotes the student's comprehension and retention.

Lasers & Mazes

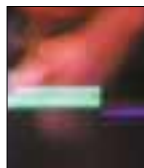
The "Lasers & Mazes" program is designed for Grades 4-9. It's an exciting two-hour program that introduces students to the fascinating world of laser beams and mazes.

Learning Outcomes

To ensure the "Lasers & Mazes" program is a valuable educational tool, the Quest for Knowledge Team assembled a panel of respected educators from both Canada and the United States to determine a number of learning outcomes and prepare learning experiences. As a result, students enrolled in the "Lasers & Mazes" program will learn about the following:

LASERS

1. A history of lasers.
2. Lasers as a form of light.
3. The characteristics and properties of lasers.
4. How lasers are used in our society.



MAZES

1. A history of mazes.
2. The different types of mazes.
3. How mazes are a part of everyday life.



THE PROGRAM

LESSON PLANS

The "Lasers & Mazes" program includes lesson plans created by top educators to assist teachers in presenting a complete and worthwhile educational experience. Lesson plans are designed to introduce the topics prior to the field trip to Laser Quest and to reinforce the learning outcomes after the trip has taken place. The plans contain a host of effective exercises and activities that contribute to the overall value of the program.

HANDS-ON EXPERIENCE

After a brief introduction from the Laser Quest facilitator, the students will experience the excitement of lasers and the challenge of working their way through a maze by playing a game of Laser Quest.

LIVE DEMONSTRATIONS

Upon completing their laser tag experience, the Laser Quest facilitator will demonstrate the inner workings of a laser and conduct an experiment to illustrate some of the properties of laser light. Students are also exposed to a Laser Quest maze design and are shown how it compares to classic mazes.



VIDEO PRESENTATION

The students will then observe a specially created 12-minute video. The video employs intrigue, drama and wit to present the history, applications, and the types of lasers and mazes being used in society in a memorable, involving way.



LET'S TRY THAT AGAIN

Armed with their lasers and a wealth of new information, the students enjoy a second game of Laser Quest after which they receive their score cards to analyze and compare.

GRADUATE...TO GREATER LEARNING

Each student will receive a completion certificate recognizing their participation in the program, but the learning isn't over yet! Post lesson plans provide teachers with excellent suggestions on follow-up activities to reinforce the program's concepts.

