

DIY Laser Maze Activity

A resource for tutors/teachers to support the Home or School Based Summer Programme

Learning objectives:

This activity builds skills in *Learning to Learn* specifically developing organisational skills, communication skills.

Key skills include:

- **Oral language-** discussion on the topic of lasers, vocabulary development (laser, beam, maze, positional language etc.)

Introduction

General discussion:

- What is a laser? Where might we see lasers used?
- Show a clip of lasers from YouTube - <https://www.youtube.com/watch?v=mr834Cs9ncs> (laser dance clip from Ocean's 12 – you may wish to review this before showing it)
- Explain to the students that they are going to create their own laser maze in a corridor. Show one of the videos from the resource section here.

Development

- **Gather materials**
Wool and masking tape
- **Create the laser maze**
Stick the tape to the walls in a zig zag pattern as shown in video clips.
- **Complete the course and have fun!**

Conclusion

- Make it more difficult or easier depending on the level of need and try it again if needs be. You can add stars to collect on their way through or other fun challenges also.

Example Videos Links

Video 1: Short video showing DIY laser maze <https://www.youtube.com/watch?v=60M280jcNuk>

Video 2: This video is suitable for younger children. Uses ribbon instead of wool.
<https://www.youtube.com/watch?v=f5tUW2Dtf74>

***Captions available for children who may be deaf or hard of hearing.**