**OUR CHALLENGE**
Very few games on the market are made accessible to kids of all abilities. This means many of them **miss out on a chance to play and learn**. There are even fewer opportunities within a shared play environment making chances for collaborative play are significantly decreased.

**OUR MISSION**
Because children of all abilities deserve to play, learn, and collaborate, we adopted a modular, flexible game platform to design an inclusive activity that ensures all kids enjoy the benefit of child’s play.

**OUR IDEA**
An exciting **laser game** that encourages collaboration among players.

**Why is this important?** Being able to play and collaborate with others at an early age helps develop intuition and social skills.

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**Core Functions**

**Collaboration**
Lasers can’t be seen without one person to control the smoke machine and one or more people controlling lasers.

**Modular input methods**
Accessible to children of all abilities.

**Motorized components**
Children can control pieces of the game within the abilities they can perform.

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**What is the platform sitting on?**
flexibility in all directions
height adjustable

**What’s making it work?**

- **arduino:** motorizing lasers & obstacles
- **smoke machine:** making the laser beams visible by scattering the light

**Future possibilities?**
PIN ART
WATER FLOW

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