#MakerFun DAILY CHALLENGE

Join us every week day at 10am AST for a new Make-At-Home activity & 1pm AST for an Outdoor activity for a Digital Learning skill while schools are closed.

WHAT IS DESIGN THINKING & HOW DOES IT HELP KIDS

We've all done it. Have you ever sat down to consider what takes priority for a day's work? Rarely do we consider the steps that lead us to beginning and finishing a task or project.

Design Thinking is the name, or methodology, given to the steps we use everyday to plan and solve problems. While adults use these problem solving skills professionally, most kids and youth are still in the formative stages of this skill development.

The process of Design Thinking was brought to the mainstream by IDEO and Stanford's d.school (founded by David Kelley). It helps people think creatively to solve problems and be more imaginative for designing almost anything!
We know kids are imaginative, but this process helps funnel that imagination to create a more fluid and concise product or outcome. This helps them be more efficient and the quality of their work (or thinking) improves.

The best part is this method has life long effects. The younger the child, the better! This Design Thinking method is their "thinking-toolkit". Kids can use it to solve almost any problem and is a fundamental piece of the learn by making or maker-centric pedagogy which is the foundation of Brilliant Labs teachings.

SHORTEN THE DISTANCE FROM SEED TO PLATE

DESIGN THINKING PROCESS GUIDING QUESTIONS

CALL TO MAKE

In our climate, did you ever wonder how we could grow fruits and vegetables year round? What if there was a way for you to enjoy some fresh veggies all year round. Imagine if you could supply your community with fresh produce or turn your passion into a business.

EMPATHIZE

What produce do you want to grow?
What fruits and vegetables does your family love?
What if you partnered with another person in the community and you exchanged different types of produce?

DEFINE

What materials will make the best greenhouse? Where is the best place to put the greenhouse? What type of soil will you need? What is the best environment for growing the produce? Will the greenhouse need a deep base for root vegetables? What materials do you have available for your build?

IDEATE

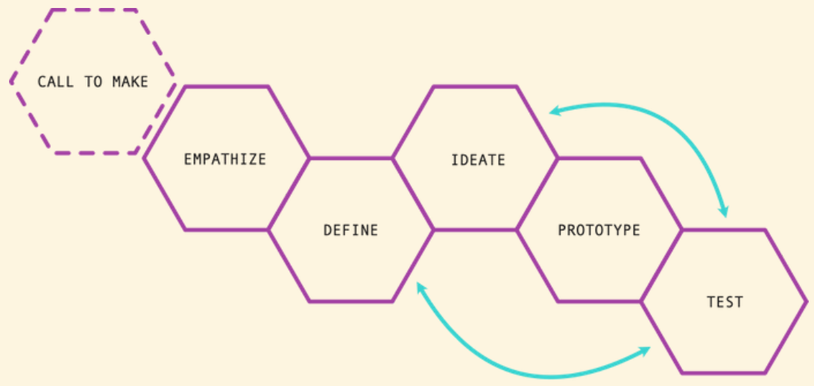
How big will the greenhouse have to be?
Will the design stand up to the forces of nature?
How will you protect your plants from freezing?

PROTOTYPE

How does your prototype compare to other mini greenhouses?
What changes need to be made in your design to improve its function?

TEST

How will you test your greenhouse to see if it will sustain your plants?
What kind of modifications did you have to make to your greenhouse to support the growth of your plants?



"Deep empathy for people makes our observations powerful sources of inspiration."
–David Kelley