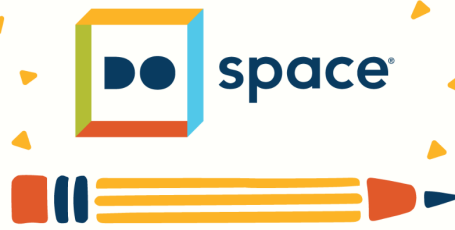


# AFTER SCHOOL CLUB

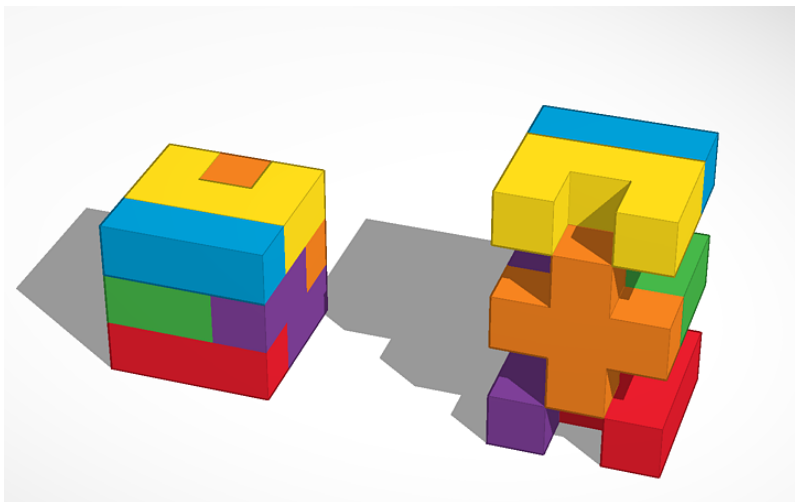


AGES 6-12  
@ 5:00 PM

## MAKE IT! - PUZZLE BOX BUILDERS

### INTRODUCTION

Test the brain power of your family and friends with your own cube conundrums! Model your puzzle on TinkerCAD before assembling the real deal out of 3/4" wood blocks. Take your puzzle home and paint the pieces for some added flair!



### WHAT WE'LL BE USING:

Computers  
Modeling Software (TinkerCAD)

3/4" Wooden Blocks  
Hot Glue Guns

### What is the use of technical drawings?

Have you ever seen the blueprint of a building or structure? Odds are it had a few different perspectives you could look at, such as a top view or side view. Being able to see your creation from these angles helps paint a clearer picture for architects and construction workers. It becomes easier to see how all the walls, windows, and roofing come together!

### Subjects:

- 3D Modeling
- Spatial Reasoning

### Standards:

- 2 PS 1-3
- K-2 ETS 1-2

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### Maker

### Capacities:

- Physically Change Perspectives
- Make and Draw Plans

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### Key Terms

- Drafting
- Scale