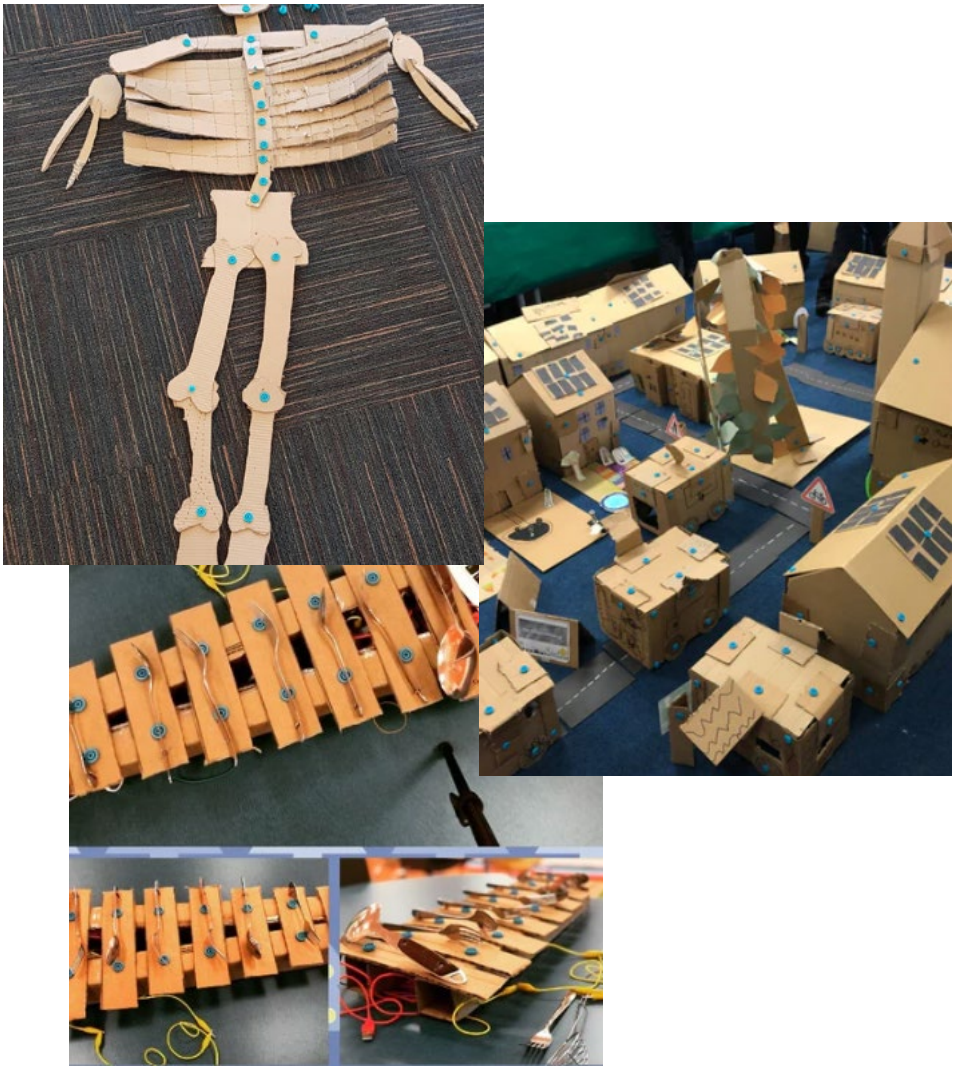
makedo

Comox Valley Schools
A Community of Learners
INNOVATIVE • INQUISITIVE • INCLUSIVE



ADST Project

Makedo are a great ADST project for students in grades 1-4.

The first thing that you will need to do as a teacher, is get trained in using your school Maker Cart. Once you are Safe and Certified you will need to do an inventory on your ADST Toolbox kits (there are 12 for your school) and your Maker Cart. Each cart and your 12 kits have master lists of what should be in them. If you are not sure or if you will need additional resources, please contact your District Careers Coordinator and they will be able to help you, Dawn.Anderson@sd71.bc.ca or Steve.Claassen@sd71.bc.ca

Jr. ADST (Applied Design Skills and Technology)

ADST courses have been designed so that students can gain hands-on learning experiences and skills through design and creation. The Curricular Competencies within these courses ask students to understand context, define what they need to do, ideate with others and evaluate, prototype, test their ideas, make and share.
With this, these booklets have been designed to support new to experienced users and there are many ways to approach each step.
Feel free to challenge your students to come up with new ways to compete a step in the booklet. Some of the steps are challenging and should be completed with a partner.
Please share if you have a good approach to a step and we can tweak the booklet for all.

For this project you will need the Makedo Kit. You will also need to collect cardboard, thin, thick, and all shapes and sizes- lots of cardboard 😊

STEP 1:

Learn about what is in the kit. Each student should be able to have access to their own tools.

You will need to explain what each tool is for and how to use it effectively.

First time users, https://know.make.do/collections/classroom/products/hints-for-teachers-when-introducing-makedo-for-the-first-time

How to safely cut cardboard: https://know.make.do/collections/how-to/products/how-to-safely-cut-cardboard

How to connect cardboard: https://know.make.do/collections/how-to/products/how-to-connect-cardboard

How to fold cardboard: https://know.make.do/collections/how-to/products/how-to-fold-cardboard

STEP 2:

Now that you know what the tools are used for you will need to consider a practice project. Here are some ideas, https://know.make.do/collections/classroom/products/help-where-do-i-start

STEP 3:

Once students know how to use the tools, it's time to give them a problem, or have them come up with a problem or project of their own. You may be teaching a theme that you would like them to design for or look around your community, what's needed?

Maybe also consider the **UN Sustainability goals (SDG's)**, Careers and ADST – what is something that you could do for your community. Is there a presenter that could come speak to your class ex. Architect, Carpenter. Maybe use these tools to help you prototype something that is needed. Then build, the Careers department will always support ADST, just send us an email.

Design Thinking and the SDG's: https://www.comoxvalleyschools.ca/career-programs/sustainability-teacher-resources/

Here is a great resource to help get your ideas going, https://know.make.do/collections/classroom