



What is a Makerspace?

Waimea Elementary School will be launching the Broncos Innovators Club in the 4th quarter. We will be working in a lab that is typically called a Makerspace. What is a makerspace and why do we have makerspaces in school?

Makerspaces provide hands-on, creative ways to encourage students to design, experiment, build and invent as they deeply engage in science, engineering and tinkering. A makerspace is not solely a science lab, woodshop, computer lab or art room, but it may contain elements found in all of these familiar spaces.

Makerspace is a relatively new method of teaching students in a space where they can get hands-on experience working with concepts they recently learned. The point of the space is to make, create, and invent new things.

Here are ten reasons for creating Makerspaces at school:

1. Builds Perseverance – Failure Is a Lesson, Not an End
2. Inspires Further Investigations
3. Encourages Rethinking the Concept
4. Teaches Basic Problem Solving
5. Helps Students Focus
6. Engages Minds and Encouraging Questions
7. Provides a Connection between Lessons and the Real World
8. Facilitates Ideas and Innovation Instead of Rote Memory
9. Provides a Memorable Lesson That Improves Understanding
10. Conclusion- this helps them to understand better and apply what they have learned.

This article has been adapted from the follow website, for more information, please visit the sites below.

<https://www.edutopia.org/blog/designing-a-school-makerspace-jennifer-cooper>
<http://www.thetechedvocate.org/10-reasons-to-create-makerspaces-in-your-school/>

Morning Broncos Innovators Club

April 2, 2018 to May 31, 2018

Building T2 - Computer Lab

(Students will be picked up from the Cafe)

Any questions email Ms. Marie at mhonda@waimea.k12.hi.us

If your child is interested, please complete the attached application.





Waimea Elementary School
Broncos Innovators Club Application
April 2, 2018 to May 31, 2018
7:35 am to 7:50 am
Building T2 - Computer Lab
(Students will be picked up from Cafe)



Name: _____ Grade: _____

Homeroom Teacher: _____

Parent Name: _____ Phone: _____

Parent Email: _____

We will be using an e-journal application to feature students works and projects

Alternate Contacts: _____ Phone: _____

Please have your child report to the cafe by 7:30am.

I grant permission for the above named student to participate in the activity/activities that are conducted during the Morning Innovators Club.

Print or Type Parents/Legal Guardian's Name

Parent/Legal Guardian's Signature

Date

I, _____ will be respectful, responsible and ethical in my conduct in the lab and with the use of lab equipment.

Student's Signature

Please return forms to the Waimea Elementary School Office attn: Ms. Marie by March 16, 2018. Questions email mhonda@waimea.k12.hi.us. Registration confirmation will be sent out the week of March 27-29, 2018.

