

NEWSLETTER

AETech (TDEC)

11.07.2023 | Pacific Union Conference Fall Ed Council



EMPATHIZE

DEFINE

IDEATE

PROTOTYPE

TEST

DESIGN THINKING IN THE CLASSROOM



Scan me to see resources on Design Thinking in the Classroom

Do you want your students to be empathic problem solvers?

Teach students how to be empathic problem solvers by using the design thinking process!

By using the steps of the Design Thinking Process, we can encourage students to create and innovate solutions not just to solve the problem but to understand those who they are solving the problems for.

Design Thinking process involves 5 steps:

1. **Empathy** - students gain deep understand of what people need.
2. **Define** - students research on how they can help the people in need
3. **Ideate** - students think of multiple solution to solve the problem
4. **Prototype** - students take their ideas and make them tangible
5. **Test** - students ask those who need a solution to test the solution and give them feedback

Students will learn how to communicate, collaborate, brainstorm, treat mistakes as a learning process, and use technology as their friend as they develop solutions for real-world problems.

In Philippians 2:3-4, it says, “Do nothing out of selfish ambition or vain conceit. Rather, in humility value others above yourselves, not looking to your own interests but each of you to the interests of the others.” Applying Design Thinking in the Classroom will help students focus on those who have needs instead of their own.



Prototyping - Students innovating the hiker's hat

DOES YOUR SCHOOL NEED DIGITAL RESOURCES AT NEGOTIATED PRICING?

NAD vetted digital resource at negotiated discounted price:

- Aleks
- Blackbird Coding
- BrainPop
- Infobase Learning
- IXL
- Learning A-Z
- Lightspeed
- Mathletics/Mathseeds
- MobyMax
- NetSupport
- Seesaw
- Typing Agent
- Yeti Academy
- Zoom

Scan the code to access the flyer with a list of representatives:



VIRTUAL LABS

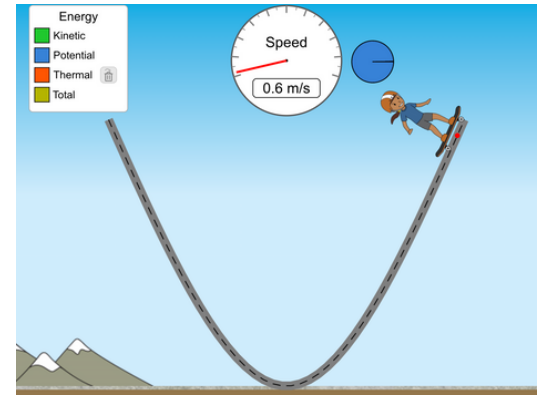
How virtual labs help students understand science more

Providing students access to virtual labs can help them have a better understanding of scientific concepts. So why are virtual labs a good resource nowadays?

- Easily accessible especially when student is absent.
- Safe so no need to worry when your lab requires scalpels
- Virtual labs can be repeated
- Time efficient for students as it reduces the need for setup and cleanup.
- Eco-friendly since there are no biohazard materials that requires proper disposal
- Encourages collaboration
- Students are able to use technology in the classroom

How about for teachers? How can virtual labs help teachers?

- Safety - less time worrying about spills and accidents



Virtual lab on mechanical energy

- Time efficient - teacher does not need to setup and cleanup
- Cost-effective - if materials or equipment are expensive, the same virtual lab can be done with minimal to no cost
- Can fit students with accommodations - teacher now has the capacity to differentiate the lab for students with accommodations

Scan the link to find resources for virtual labs. This is a working link so more will be added. Let's make technology make science awesome for teachers and students!



Scan me to see virtual lab links for your classroom



Equipment Library

Have you ever wanted to test out a technology equipment to see if it works well with your classroom?

The NAD has an equipment library that allows teachers in SDA schools to loan these equipments. Some of equipment available are: Oculus Rift (VR), Meet Evo, EPSON CD-13 Document Camera, Portable podcast studio, micro:bits, Orba, and Hummingbird Robotics Kit.



Scan me to start your equipment loan

NEED TECH DEALS?

Contact Jana Wright at OETC for your own account to purchase software and hardware for your school at a discounted price.

Contact her by sending an email to jwright@oetc.org

LET AETech HELP YOU!

If you would like help from the AETech team in finding specific technology resources to support your students, scan the QR and submit a request for assistance.



Scan me to start request