

2021 VIL OOS Directors Training

Day 2



verizon
innovative
learning

ASU J. Orin Edson
Entrepreneurship+
Innovation Institute
Arizona State University

Agenda

February 11, 2021 9:00 AM – 3:00 PM EST		
When	What	Who
9:00 – 9:15	Welcome + Housekeeping	Brittany + Anne
9:15 – 10:25	Logistics + Review	Katie
10:30 – 11:40	Curriculum Overview	Kim
11:40 – 12:10	LUNCH - Zoom open for roundtable	Breakout Rooms
12:10 – 1:20	Marketing + Recruiting	Katie
1:25 – 2:35	Employee Engagement	Anelisa
2:40 – 3:00	Wrap Up	Katie + Verizon

01

Welcome
Verizon + NACCE

Verizon



Dr. Brittany Chambers
Program Manager, Verizon

NACCE



Anne Strickland
Vice President, NACCE

02

Logistics + Review

Katie

NACCE



Katie Calabrese

Director of Membership & Education
calabrese@nacce.com

Logistics

- Recap of Day 1
- Technology
- Mentoring
- Canvas
- Questions



03

Survey Information

SRI International

SRI International



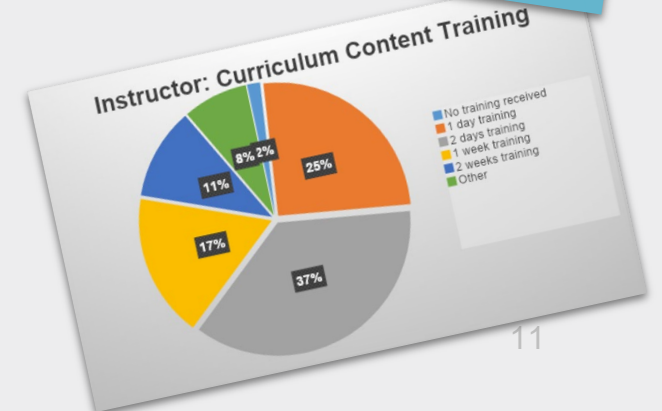
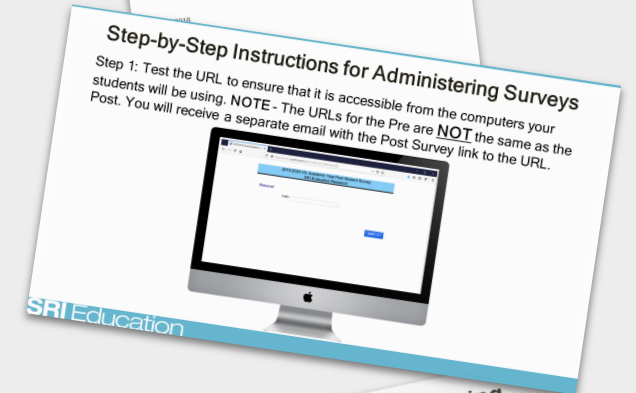
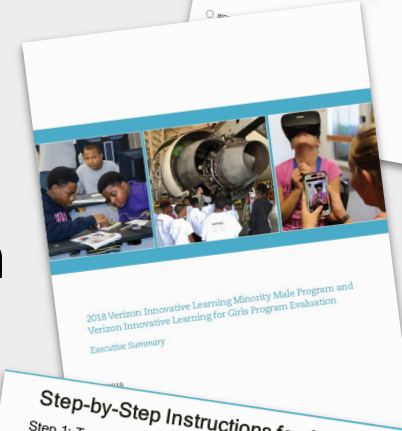
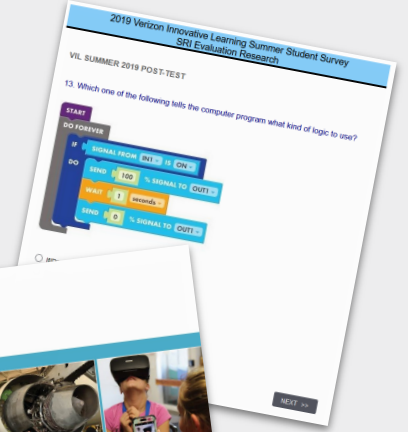
Tim Podkul
VIL Assessment Director
tim.podkul@sri.com



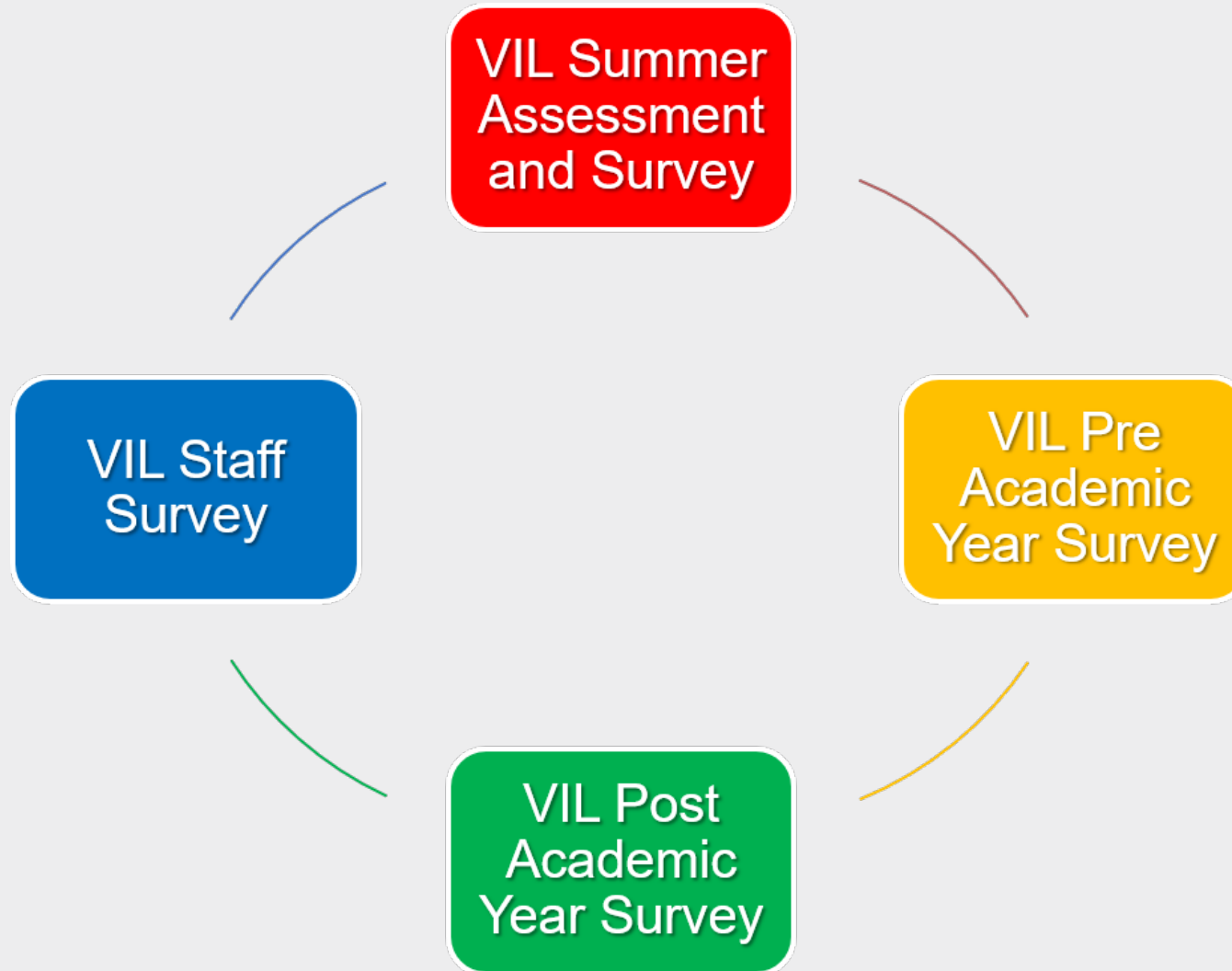
Ron Fried
VIL Survey Lead
ron.fried@sri.com

SRI Evaluation Activities

- Survey, assessment, and implementation measure creation
- Training for VIL Data Collection
 - Summer and Academic year surveys
- Site Visit Observations, Interviews and Focus Groups
- Data Analysis
- Results Reports



SRI Evaluation Work with the VIL Program



VIL Program: 2021-2022 Survey Timeline

Student Surveys

- Pre-Camp Survey: Complete Day 2 (Pick the session in the lab)
- Post-Camp Survey: Day 14 Thursday before end of camp
- Pre-Academic Survey: First Saturday Session in September
- Post-Academic Survey: Saturday Session in April

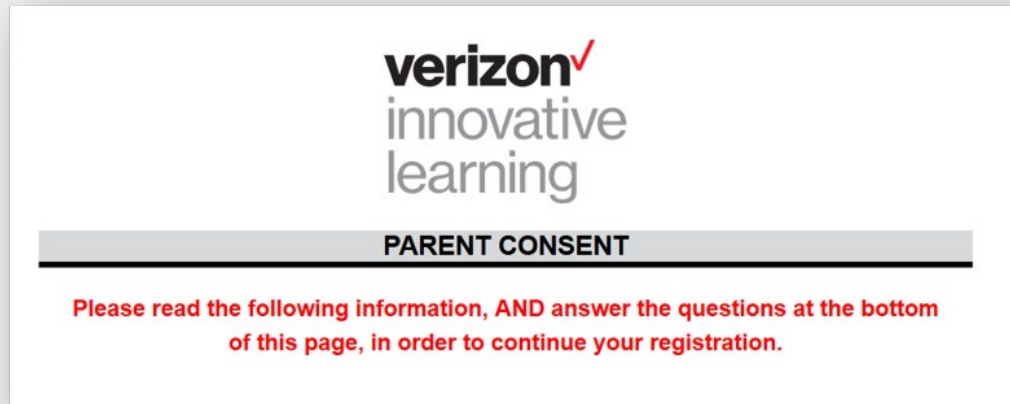
Staff Survey

- Complete in September for Summer 2021 experience
- Complete in April/May 2022 for academic year

Administered by SRI, students surveyed twice a year after graduation from VIL

SRI Consent Forms

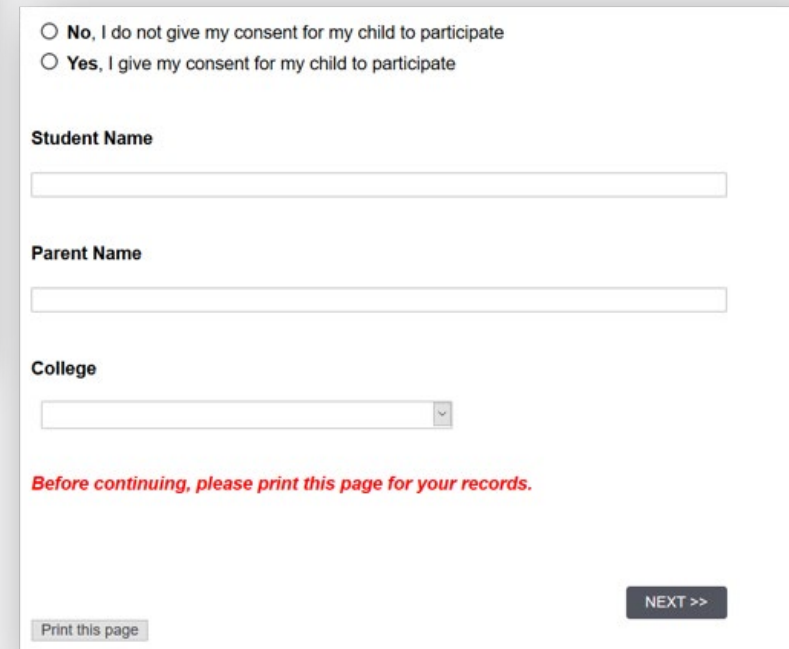
- VIL Parent Consent Form - Online and part of registration
- VIL Student Assent Form - Online and part of survey



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PARENT CONSENT

Please read the following information, AND answer the questions at the bottom of this page, in order to continue your registration.



☐ No, I do not give my consent for my child to participate
☐ Yes, I give my consent for my child to participate

Student Name

Parent Name

College

Before continuing, please print this page for your records.

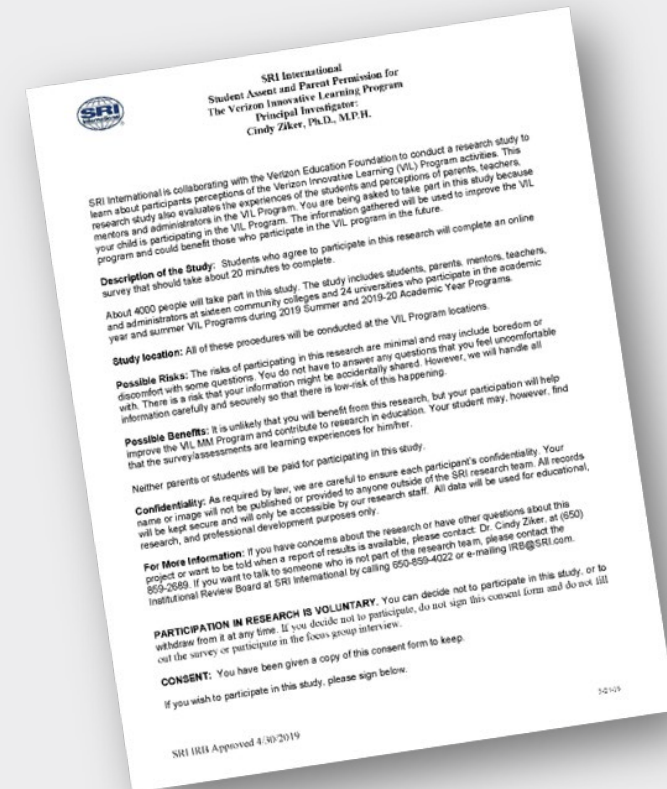
Print this page

NEXT >>

SRI IRB and Consent Forms

- SRI IRB Approval Letter
- Copy of VIL Survey Instrument

Please contact Tim Podkul with IRB questions at tim.podkul@sri.com



04

Curriculum Overview

Kim

Kim Reynolds



Kimberly Reynolds

J. Orin Edson Entrepreneurship + Innovation Institute at Arizona State University

Program Manager, Curriculum + Instruction

kreyno11@asu.edu

Curriculum Overview - Lesson Disbursement

- Summer Camp (recommended schedule)
 - 10 Lessons per track
 - Students rotate through all of a level in one day
 - Weeks end with design challenges
 - Soft skill content interspersed with lessons
- Saturday
 - One design challenge
 - Scaffolded
 - Build on skills learned in summer camp

Summer Camp - Sample Schedule

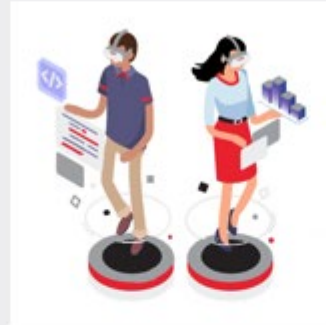
Summer Camp					
WEEK ONE					
Hour/ Session	Monday	Tuesday	Wednesday	Thursday	Friday
8:00 – 8:30	Welcome + Warm Up	Welcome + Warm Up	Welcome + Warm Up	Welcome + Warm Up	Welcome + Warm Up
8:30 – 9:30 S1	Intro to VIL	Technology Lesson 1	Technology Lesson 2	Technology Lesson 3	Intro to Pitching
9:30 – 10:30 S2	Intro to Design Thinking	Technology Lesson 1	Technology Lesson 2	Technology Lesson 3	Personal Elevator Pitch
10:30 – 11:30 S3	Ready, Set, Design!	Prototyping	Strengths + Abilities	Goal Setting	Intro to Sustainability
11:30 – 12:00	Lunch	Lunch	Lunch	Lunch	Lunch
12:00 – 1:00	Physical Activity	Physical Activity	Physical Activity	Physical Activity	Physical Activity
1:00 – 2:00 S4	Intro to Entrepreneurship	Technology Lesson 1	Technology Lesson 2	Technology Lesson 3	Design Challenge
2:00 – 3:00 S5	Entrepreneurial Design Challenge	Technology Lesson 1	Technology Lesson 2	Technology Lesson 3	
3:00 – 4:00 S6	Intro to Emerging Technology	Prototyping - 5 Chair Challenge	Ethics + Values	Action Vision Board	
4:00 – 4:30	Wrap Up + Closing	Wrap Up + Closing	Wrap Up + Closing	Wrap Up + Closing	Wrap Up + Closing
WEEK TWO					
Hour/ Session	Monday	Tuesday	Wednesday	Thursday	Friday
8:00 – 8:30	Welcome + Warm Up	Welcome + Warm Up	Welcome + Warm Up	Welcome + Warm Up	Welcome + Warm Up
8:30 – 9:30 S1	Social Entrepreneurship	Technology Lesson 5	Technology Lesson 6	Technology Lesson 7	Design Challenge Part 1
9:30 – 10:30 S2	Technology Lesson 4	Technology Lesson 5	Technology Lesson 6	Technology Lesson 7	
10:30 – 11:30 S3	Technology Lesson 4	Time Management	Money Management	Life Beyond HS	Design Challenge Part 2
11:30 – 12:00	Lunch	Lunch	Lunch	Lunch	
12:00 – 1:00	Physical Activity	Physical Activity	Physical Activity	Physical Activity	
1:00 – 2:00 S4	Technology Lesson 4	Technology Lesson 5	Technology Lesson 6	Technology Lesson 7	Design Challenge Part 2
2:00 – 3:00 S5	Technology Lesson 4	Technology Lesson 5	Technology Lesson 6	Technology Lesson 7	
3:00 – 4:00 S6	SE Design Challenge	Create a Schedule	Create a Budget	Building Bridges	
4:00 – 4:30	Wrap Up + Closing	Wrap Up + Closing	Wrap Up + Closing	Wrap Up + Closing	Wrap Up + Closing
WEEK THREE					
Hour/ Session	Monday	Tuesday	Wednesday	Thursday	Friday
8:00 – 8:30	Welcome + Warm Up	Welcome + Warm Up	Welcome + Warm Up	Welcome + Warm Up	Welcome + Warm Up
8:30 – 9:30 S1	Dig Cjt- Online Predators	Technology Lesson 9	Technology Lesson 10	Design Challenge	Design Challenge
9:30 – 10:30 S2	Technology Lesson 8	Technology Lesson 9	Technology Lesson 10		
10:30 – 11:30 S3	Technology Lesson 8	DC- Personal Info	Dig Cjt – Making it Rain	Design Challenge	Design Challenge
11:30 – 12:00	Lunch	Lunch	Lunch		
12:00 – 1:00	Physical Activity	Physical Activity	Physical Activity	Physical Activity	Physical Activity
1:00 – 2:00 S4	Technology Lesson 8	Technology Lesson 9	Technology Lesson 10	Design Challenge	Design Challenge
2:00 – 3:00 S5	Technology Lesson 8	Technology Lesson 9	Technology Lesson 10		
3:00 – 4:00 S6	Dig Cjt - Cyberbullying	Dig Cjt – Copyright + Fair Use	Dig Cjt – Fair Use Project	Design Challenge	Awards + Recognition
4:00 – 4:30	Wrap Up + Closing	Wrap Up + Closing	Wrap Up + Closing		

Saturday - Design Thinking Projects

Saturday Sessions

FALL					
Hour	August - SS	September - SS	October - DPI	November - DPI	December - IM
8:00 – 8:30	Welcome + Warm Up	Welcome + Warm Up	Welcome + Warm Up	Welcome + Warm Up	Welcome + Warm Up
8:30 – 12:30					
1 hour increments	Rotating Mentor meetings throughout the day as appropriate				
12:30 – 1:00	Wrap Up + Closing	Wrap Up + Closing	Wrap Up + Closing	Wrap Up + Closing	Wrap Up + Closing
SPRING					
Hour	January - IM	February - AI	March - AI	April – Capstone	May - Showcase
8:00 – 8:30	Welcome + Warm Up	Welcome + Warm Up	Welcome + Warm Up	Welcome + Warm Up	Welcome + Warm Up
8:30 – 12:30					
1 hour increments	Rotating Mentor meetings throughout the day as appropriate				
12:30 – 1:00	Wrap Up + Closing	Wrap Up + Closing	Wrap Up + Closing	Wrap Up + Closing	Wrap Up + Closing

Curriculum Overview - Pillars



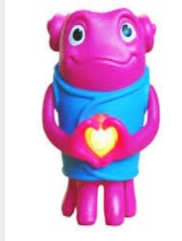
**Design
Thinking**

**Emerging
Technology**

**Entrepreneurial
Mindset**

Sustainability

VIL Tracks



IM

Immersive Media is an adventure through space, led by Filos. Students learn about AR and VR and create their own solutions to design challenges.



DPI

Digital Product has students traveling through time with Tiempa to learn about 2D and 3D design and 3D printing while creating products based on historical events.



SS

In Smart Solutions, VILBot leads students on an adventure themed journey to create electronic solutions that use coding and sensors to solve challenges for people all over the world.



AIR

The VIL curriculum crew has partnered with author Patricia Newman and three female scientists to create a cross-curricular Artificial Intelligence + Robotics course. Students will program autonomous vehicles to clean up ocean plastic!

Course Access: Canvas

Teacher's view of Canvas

▾ Base Camp: Your Journ...

Prerequisites: Before You Begin...

Complete All Items

✓ + ⋮

▾ Lesson 1: Base Camp

✓ ⋮

▾ Teacher's Guide: Base Camp

📄 ⌛ ⋮

▾ Student Guide: Base Camp

10 pts | Score at least 8.0

📄 ✓ ⋮

▾ Base Camp Deliverable: Comic Book

18 pts | Submit

📄 ✓ ⋮

▾ Level 1: Design Thinki...

Prerequisites: Base Camp: Your Journey Begins Here!

Complete All Items

✓ + ⋮

▾ Lesson 1: Master the Art of Design Thinking

✓ ⋮

▾ Teacher's Guide: Master the Art of Design Thinking

📄 ⌛ ⋮

▾ Student Guide: Master the Art of Design Thinking

📄 ✓ ⋮

▾ Lesson 2: Harness the Power of Electricity with Snap Circuits

✓ ⋮

Student's view of Canvas

▾ Base Camp: Your Journey Beg...

Prerequisites: Before You Begin...

Complete All Items

Lesson 1: Base Camp

📄 Student Guide: Base Camp

10 pts | Score at least 8.0

○

📄 Base Camp Deliverable: Comic Book

18 pts | Submit

○

▾ Level 1: Design Thinking, Circuits, and Y...

Prerequisites: Base Camp: Your Journey Begins Here!

🔒

Lesson 1: Master the Art of Design Thinking

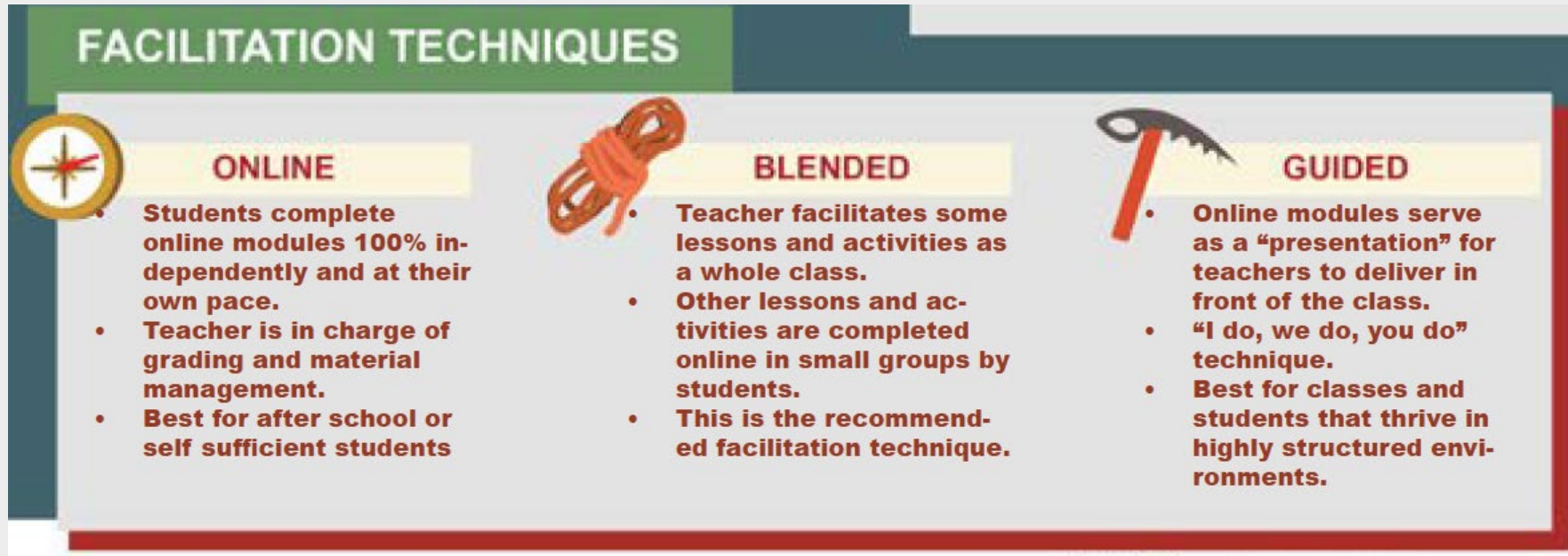
📄 Student Guide: Master the Art of Design Thinking

Lesson 2: Harness the Power of Electricity with Snap Circuits

📄 Student Guide: Harness the Power of Electricity with Snap Circuits

0 pts

Teacher Choice: Facilitation Style



Student Guides: Interactive Rise Articulate Modules



- Opening Scene: Become a Comic Book Hero ☒
- Mission 1: Adventure Briefing ☒
- Checkpoint 1 ☒
- Mission 2: Technology in Smart Solutions ☐
- Checkpoint 2 ☐
- Mission 3: The Entrepreneurial Mindset ☐



Image from sci-fi stack exchange

Create your Smart-Gadget Page

Open your comic book to **Page 2**. Use colored pencils, markers, or crayons to design your own superhero gadget. The sky is the limit: don't worry if your idea is "possible" or not!

Your page should include the following information:

1. The gadget's **name**
2. The gadget's **function** (what does it do?)
3. A **drawing** of the gadget
4. What **problems** does the gadget solve?

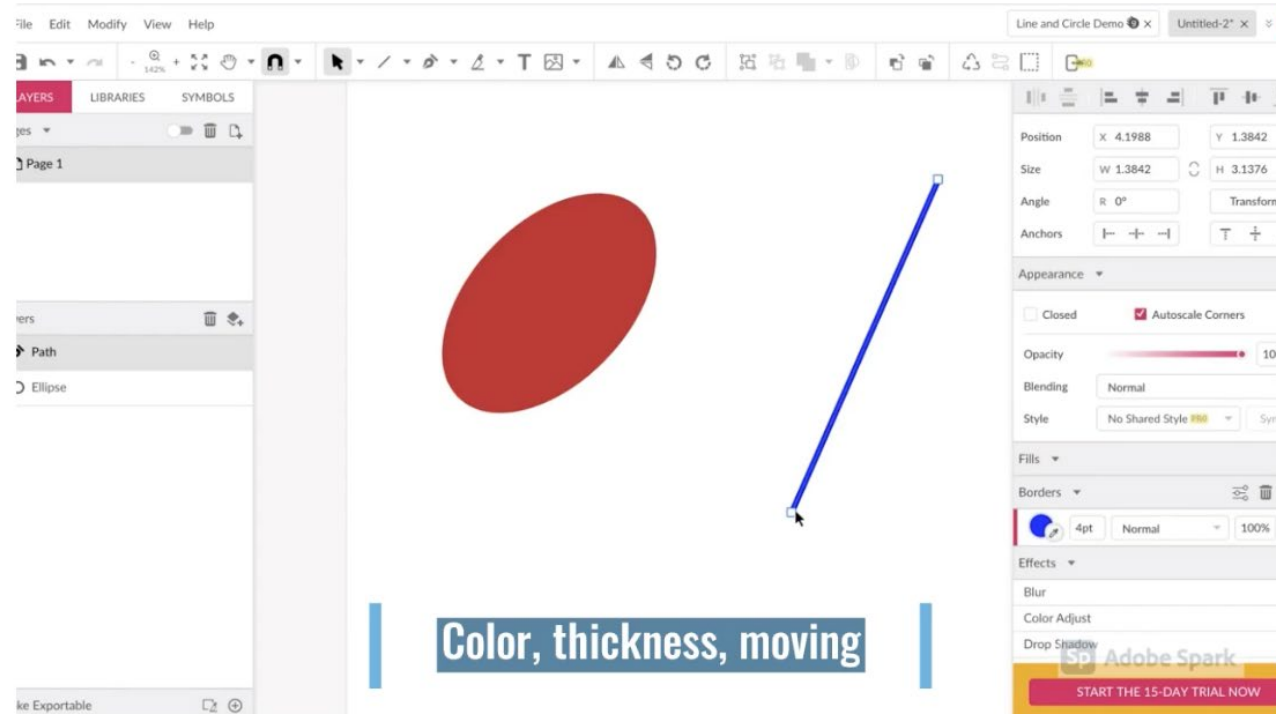
Be creative and include more details if you want!

Page 2 will be graded with [this rubric](#).

Video Tutorials

Mission 1 Activity Video: The Basics of Gravit

Let's jump into it! Log into Gravit and follow along with the video. Then, submit your first assignment on Canvas under "Student Activity: Mission 1 Graphic Design with Gravit".



Interactive worksheets, videos, and graphic organizers

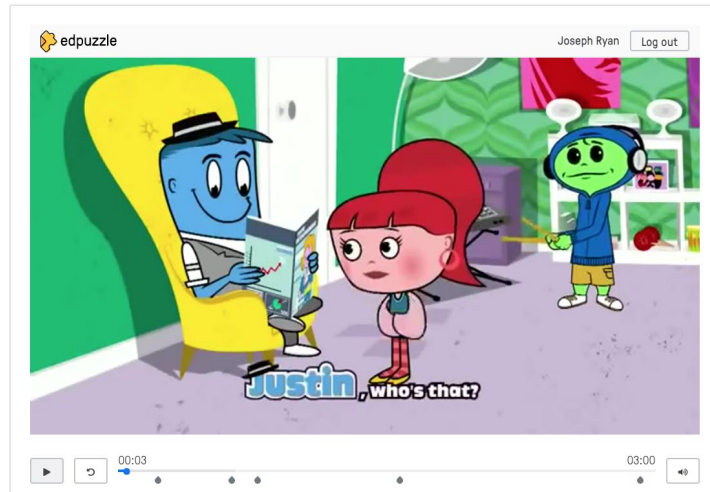
EdPuzzle: What is Entrepreneurship?

Complete the EdPuzzle video and questions below.

Remember: To complete an EdPuzzle Assignment, click on "Get Started" and then select "Join Open Class." An anonymous account will be created for you. Then you can watch the video and answer the questions!

00:33

Press "Play" to hear the text above read out loud.



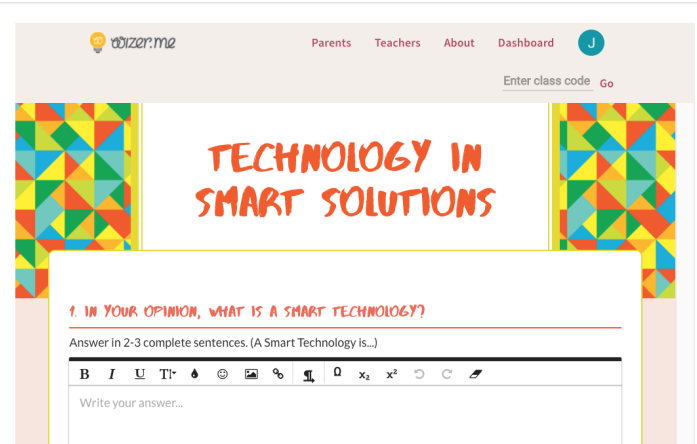
Exploring Smart Solutions with Wizer

This is a Wizer Assignment, an online activity guide! Type in any school-appropriate username you want, then enter a password of your choice (I would write this username and password down somewhere!). Then, complete the worksheet and turn it in.

If you ever want to go back and view the progress you made on this worksheet, just enter your username and password that you used before. Your progress will be saved!

00:50

Press "Play" to hear the text above read out loud.



Questions?



Lunch

Roundtable

05

Marketing + Recruiting

Katie

NACCE



Katie Calabrese

Director of Membership
& Education

calabrese@nacce.com



Leah Loch

Director of Marketing &
Communications

deppert@nacce.com

Marketing + Recruitment

Marketing Materials

Registration

06

Employee Engagement

Anelisa

NACCE



Anelisa Lauri

Director of Community Engagement &
Coordinator of Verizon Employee
Engagement

lauri@nacce.com

Employee Engagement

Verizon's mission for digital inclusion:

- **Impact 10m youth with digital skills by 2030**
- **2.5m volunteer hours by 2025 with their 135K employees**

Employee Engagement

Virtual Speaker
Series



STEM Career
Questions



Employee Engagement

ACTIVITY	APRIL-JUNE	JULY-SEPT	OCT-DEC
Nepriis STEM Speaker Series	X	X	
Career Village: Career Exploration Q's		X	X

Employee Engagement



STEM Speaker Series: 1 hour virtual session with Vz Teamer (employee) to discuss their STEM education and career path

- Scheduled by NACCE
- Conducted 1X during Camp
- Via Nepris platform: [DEMO](#)

Employee Engagement




Career Exploration: Students explore their own interests in STEM careers

- Ask career journey questions to Vz employees in virtual *asynchronous* conversation via platform
- Group activity during Saturday sessions
- Teacher led conversation and gathering of student questions
- Vz Teamers will reply via platform prior to next Saturday session ([DEMO](#))

Employee Engagement





An Awesome Student Q.

Student

Atlanta, Georgia

Questions


Asked Jan 18 · Viewed 34 times · Translate

I want to be a doctor and I want to go to other countries to help people. How do I do that?

I'm Ms. Hill at the International Community School. My 4th graders have a few questions and I'd like to share your advice with them. Thanks in advance!

[#doctor](#)

[Edit Question](#) [Delete Question](#) [Flag for review](#)

 You are both members of the Hands On Atlanta group.

3

100% of 3 Pros

Employee Engagement

Questions?

07

Wrap Up + Closing

