

Think Sideways. Think Upside Down.

# What is Future Engineers?

Future Engineers is an education technology company that specializes in contests and challenges for students.

Our online, multi-challenge platform engages students in challenges nationwide.

All challenges are offered free for students via our online platform.

Students can participate in challenges in-class under the oversight of their teacher, or at-home under the oversight of their parent.

[www.futureengineers.org](http://www.futureengineers.org)





# About Me

## Deanne Bell: Founder & CEO

Deanne Bell is an engineer, television host, and entrepreneur. She is the founder and CEO of Future Engineers, an education technology company that engages students in online contests and challenges, including NASA's Mars 2020 "Name the Rover" contest. Her television hosting credits include PBS, ESPN, Discovery Channel, National Geographic, DIY Network, and most recently CNBC's Make Me a Millionaire Inventor.





## 3D Printing in Space Challenges





## Name the Rover Contest





The background is a solid red color. It is decorated with various geometric shapes in different colors: a large blue circle in the top-left corner, a small blue circle in the top-center, a light blue triangle pointing right in the top-left, a teal pentagon in the top-right, a light blue diamond in the top-right, a small blue hexagon on the left, a light blue circle on the right, a teal pentagon in the bottom-left, a small light blue circle in the bottom-left, a light blue triangle pointing left in the bottom-center, a small light blue pentagon in the bottom-center, a teal triangle pointing right in the bottom-right, a small light blue square in the bottom-right, a light blue diamond in the bottom-right, and a small teal hexagon in the bottom-right.

# GLOBAL CITIZENS IN THE MAKING

# Start a Smile Challenge

Your challenge is to invent a way to help someone smile or feel appreciated. The person must be separated from you by a window, wall, computer screen, or at a distance of 20 feet or more.

<https://www.futureengineers.org/startasmile>

In Partnership with Battelle and StemX





# Start a Smile Challenge

#StartASmile

Watch the Launch Video:

<https://youtu.be/FyP7qtBgpFc>







SAMPLE TEACHER

qafutureteacher+500@gmail.com

School

CANOPY RIVER MIDDLE SCHOOL

[EDIT ACCOUNT](#)

YOUR CLASSES

Engineering Period 3

Science Period 1

Science Period 2

[+ ADD CLASS](#)

SCIENCE PERIOD 1

Class Code: WVENGF / [Class Portfolio](#)

[DELETE THIS CLASSROOM](#)

CHALLENGES: 3

  
Due by: 04/26/2020  
51 DAYS  
CRAZYCODING10

  
Due by: 05/29/2020  
84 DAYS  
ROCKIN ROCK MOCK 2

  
Due by: 07/21/2020  
137 DAYS  
FLOWER POWER

  
+  
ADD CHALLENGE

STUDENT CENTER

1. LINK STUDENTS

Students self-register & add code  
- OR -  
Existing students login & add code  
- OR -

[CREATE LINKED STUDENT ACCOUNTS](#)

2. MANAGE PARENT CONSENT

Parent consents via email link  
- OR -  
Teacher uploads or mails in signed form

[SEE EMAIL PREVIEW](#)

[PRINT PARENT FORM](#)

3. SUBMIT FOR CRAZYCODING10

Students login and submit via their student dashboard  
- OR -  
Submit for your students by clicking submit below

[GO TO THE CHALLENGE](#)

Name (Username)	Parent Approval Status			Challenge Status	
	Email	Upload	Mail in	Entry Deadline 04/26	
1. Sample Student1 (Samplestudent1!)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Parent Approved	Submit when ready <a href="#">SUBMIT ENTRY</a>
2. Sample Student2 (Samplestudent2!)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Parent Approved	Submit when ready <a href="#">SUBMIT ENTRY</a>
3. Sample Student3 (Samplestudent3!)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<a href="#">RESEND PARENT EMAIL</a>	Submit when ready <a href="#">SUBMIT ENTRY</a>





**SAMPLE STUDENT2**

Samplestudent2!

[EDIT ACCOUNT](#)  
[VIEW YOUR PORTFOLIO](#)

### YOUR CLASSES

Science Period 1

[All Class Challenges](#)

[+ ADD CLASS](#)

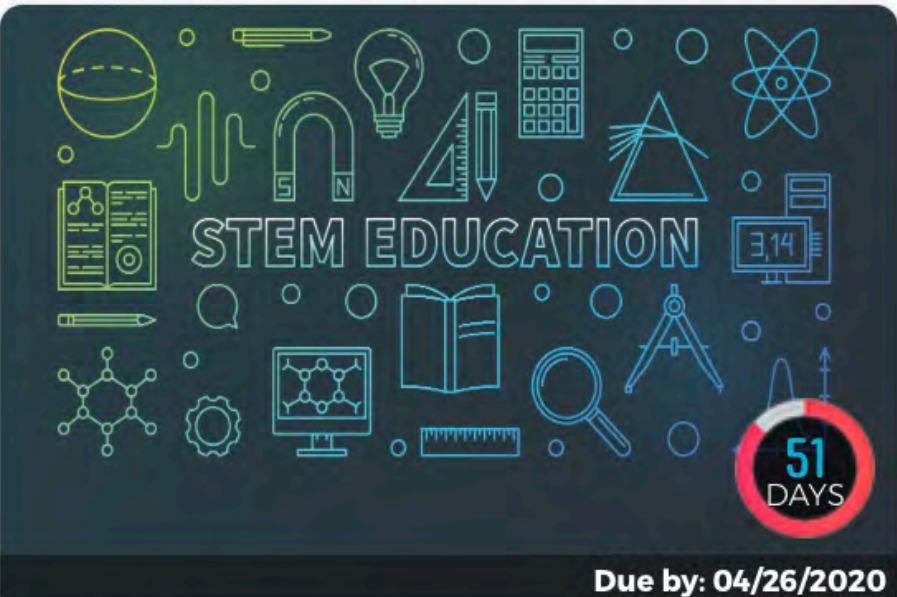
### PERSONAL CHALLENGES

Current Challenges

Archived Challenges

[+ ADD CHALLENGE](#)

## ALL CLASSROOM CHALLENGES



Due by: 04/26/2020

### CRAZYCODING10

To use code to demonstrate a STEM concept.

Entry accepted.

[VIEW](#)

[EDIT](#)



Due by: 05/29/2020

### ROCKIN ROCK MOCK 2

To create a model of the rock cycle using natural materials

Your submission is in review.

[EDIT ENTRY](#)



Due by: 07/21/2020

### FLOWER POWER

To design and efficient plant watering sytem

[SUBMIT ENTRY](#)





Digital Citizenship.



# Start a Smile Challenge

Take a moment to discuss online privacy with your students and their digital footprint.

Student entries go into an online, public gallery that is moderated for student safety.

We don't want to see student faces, first/last names, school names, license plates, or any other personal information in their entries. Please emphasize how to document their inventions without personal information.







More Challenges



# Capstone Coding Challenge

Use Scratch to teach others something  
you've learned this year

Code mode  
ON







What Are Your  
Challenge Ideas?



The background is a solid red color. It is decorated with various geometric shapes in different colors: a large blue circle behind the word 'THANKS!', a teal pentagon in the top right, a light pink triangle in the top left, a teal hexagon in the bottom left, a teal circle in the middle right, a teal triangle in the bottom right, a light pink hexagon in the middle left, a teal diamond in the top right, a light pink diamond in the middle right, a teal square in the middle right, a teal circle in the top center, a light pink circle in the bottom left, a teal triangle in the bottom center, a light pink pentagon in the bottom center, a teal hexagon in the bottom right, and a light pink diamond in the bottom right.

# THANKS!

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