



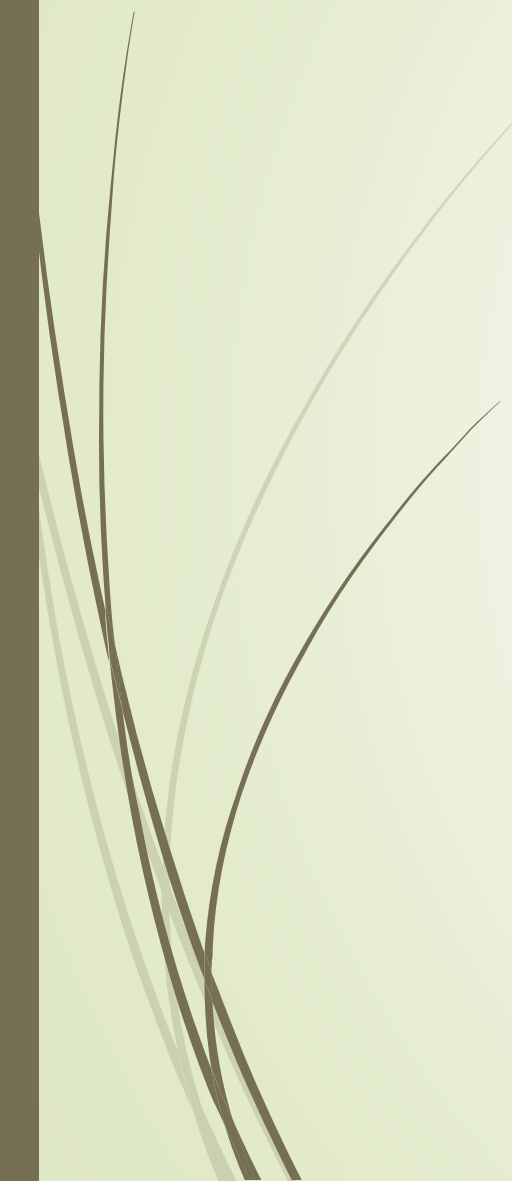
# So your school is getting cancelled

An Engineering Story from COVID-19 Productions  
And directed by the CDC

Starring Mars Berwanger and the 2020 Spring  
Engineering class



# Questions?

- What is the schools' plan?
  - What will this class's plan?
  - What will grades look like?
  - How should I prepare for this uncertainty?
- 



# What is the schools plan?

- ▶ School is being closed indefinitely starting Monday, March 16<sup>th</sup>
  - ▶ 2 weeks?
  - ▶ To Spring Break?
  - ▶ Semester?
- ▶ Will begin virtual/online classes starting Monday March 16<sup>th</sup>
- ▶ Students are expected to have access to the internet
- ▶ There is a staff meeting after school today. I'll give updates on my blog for any new information



# What is this class's plan?

- ▶ What this class will not be:
  - ▶ Busy work
  - ▶ You being expected to buy materials or have access to certain tools
- ▶ What I want to this experience to be:
  - ▶ An opportunity for students to practice self-managing their learning
  - ▶ An opportunity for students to individualize their learning to a greater degree to align with their own interests
  - ▶ Students to come out with some meaningful learning experience
- ▶ How to stay in the loop:
  - ▶ Check my blog every school day
  - ▶ Check Slack every school day



# How this will be done:

- ▶ Joining Slack (a communication software used commonly in tech companies like Google, Yahoo, Uber, LinkedIn, Clean-Hands Safe-Hands and so many more!)
- ▶ Students create an individual learning plan
  - ▶ Can be a pre-planned set of lessons to learn (such as learning a coding language, SolidWorks, or something similar. Specifics to come Monday)
  - ▶ Can be researching a specific topic (EX: careers in Engineering, a specific major, science behind solar panels, electronics topics, etc.)
  - ▶ A project you want to work on and can do so at home (EX: making a basketball hoop on your bedroom door)
  - ▶ ANYTHING you want which we can argue is relevant to Engineering)



# What will Grades look like?

- ▶ Submitting Learning Plan by 3/20 (Summative Grade weighted at 40 pts)
- ▶ Submitting a SMART Goal in Slack every Monday (Formative weighted 50 pts)
- ▶ Submitting a SMART Goal Response™ in Slack every Friday (Formative weighted 50pts)
- ▶ Submitting a learning reflection by 3/31 (Summative weighted 50 pts)
  
- ▶ REPEAT!!!

# How should I prepare for all of this uncertainty?

- Especially for the teenage brain, one of the scariest parts about events like this is the loss of structure and the uncertainty of what will happen. With that in mind here are some things I want to share with you

Reach out to friends  
Reach out to family

Reach out to those you care about

Find joy and humor where you can

## This too will pass

If there is any way I can help, don't be scared to ask.  
I'm always willing to adapt this class to best fit your needs

I am sorry you are dealing with this uncertainty.

Seek structure and stability in your life where you can:

- Family and Friends
- Create daily routines
- Form good habits
- Plan things you enjoy

The school will still be here



The nitty gritty details on  
Learning Plans, Slack and  
SMART Goals



# Learning Plans – About them

The purpose: Everyone is doing something different in this course, and this is the way of articulating it

Key terms to know:

1. **Procedural Skills**
  - ▶ Practiced abilities
  - ▶ “How to...”
2. **Knowledge**
  - ▶ Memorized information
  - ▶ “what...”
3. **Conceptual Understanding**
  - ▶ Deeper understanding of principles and big ideas
  - ▶ “Why...”

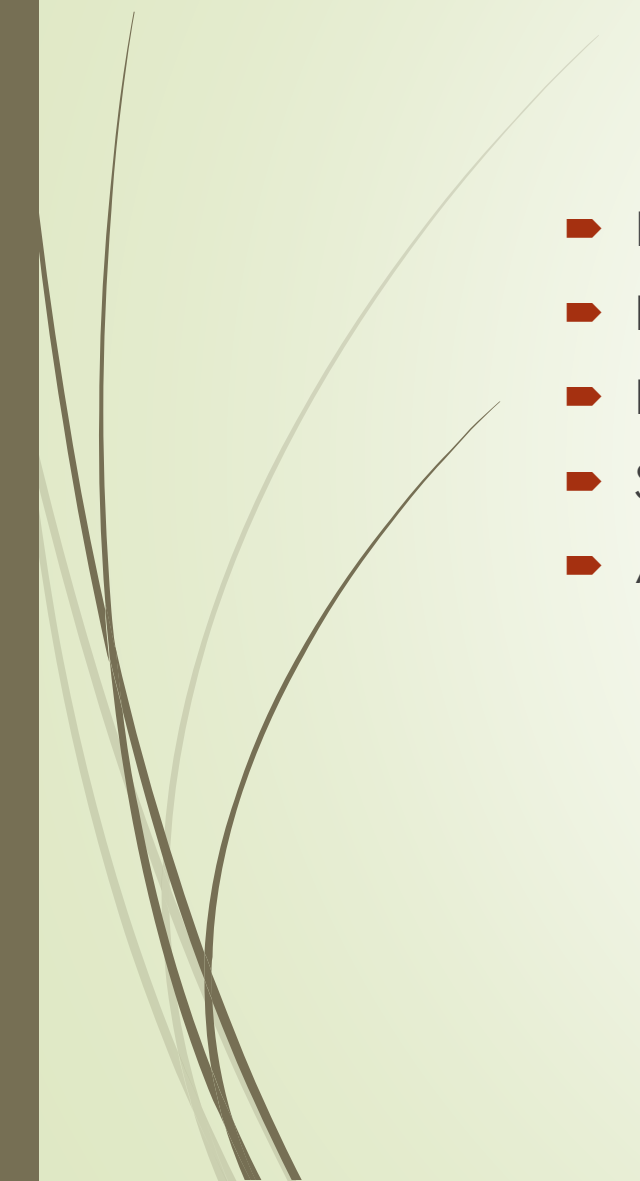
EX: How to solder

EX: How to control a motor

EX: How to plan and manage a project; how electrical and mechanical principles can work together

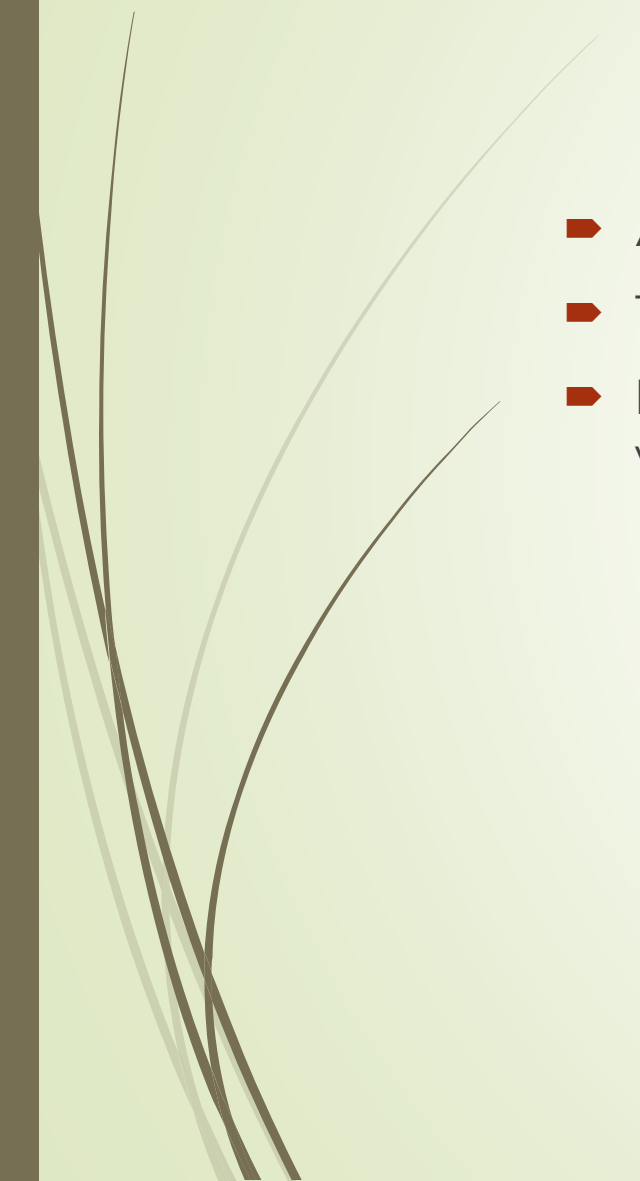


# Learning Plans – the deets

- Everyone (not just groups) makes one for the remainder of March
  - It's a completion grade so don't stress about it too much
  - I will have a google form to submit this on my blog
  - Submit first one by Friday, March 20<sup>th</sup>
  - A template for this is on the resources page
- 



# Learning Reflection

- ▶ A summative response for what you have learned
  - ▶ Template on my resources page
  - ▶ Not due till March 31<sup>st</sup>. Don't sweat it for now, I'll speak more about this when the time comes.
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# SMART Goals



- Start of week: post in either the 2<sup>nd</sup> block channel or a private channel using one of these templates
  - **SMART Goal for MM/DD:** your specific, measurable, attainable, relevant and time-bound goal.  
or  
**SMART Goal for MM/DD:**
    - S: How your goal is specific
    - M: How your goal is measurable
    - A: How your goal is attainable
    - R: How your goal is relevant
    - T: How your goal is time-bound.

# SMART Goals: End of Week



- ▶ End of week: post as a REPLY to your Monday SMART goal (creating a thread):
  - ▶ Write "SMART Goal Response MM/DD: and then answer the following questions:
    1. Did you complete your SMART goal for this week? Why/why not?
    2. What actions did you take to address your goal & what obstacles did you face?
    3. What new thing did you learn this week?"



# Maintaining your work: what you need to do

- Every Monday write a SMART Goal
- Every Friday respond to your SMART Goal in a thread
- Write a learning plan in week 1 (March 16-20)
- Write a learning reflection by March 31<sup>st</sup>



# Joining Slack

- ▶ To get in Slack, either:
  - ▶ write your preferred email (school or personal) in Slack on my computer to send yourself an invite.
  - ▶ Or join with this link: [https://join.slack.com/t/wheelerengine-fcd3449/shared\\_invite/zt-clgdz77-otck6VRGJPcewl9VqYFTuw](https://join.slack.com/t/wheelerengine-fcd3449/shared_invite/zt-clgdz77-otck6VRGJPcewl9VqYFTuw)
- ▶ Open your email, accept the invite
- ▶ Join the “2<sup>nd</sup>-block-logistics” channel
- ▶ Make sure you know what to do going forward:
  - ▶ In 2<sup>nd</sup> block logistics, write: “SMART Goal for MM/DD: words”
  - ▶ As a thread to that post, write “SMART Goal response for MM/DD: test”



# Last notes on getting going

- ▶ I'll always be available for email ([mars.Berwanger@cobbk12.org](mailto:mars.Berwanger@cobbk12.org)), phone call, or video call (email me to set these up)
  - ▶ Check my blog every school day to stay up to date
  - ▶ Grades can still be remediated! Fill out the remediation form on my resources page for past assignments or future assignments that you aren't happy with the grade about
  - ▶ Don't be scared to REACH OUT with your concerns and needs
- 