

Grade 8

Distance Learning Module 1: Week of: 3/30/2020-4/3/2020

CTE: Grade 8 Technology Engineering Elective

What Makes a Computer, a Computer?* & *How the Internet Works

Expectation: Students will watch a series of videos about various types of robots and then respond to Google Doc check-ins posted on Google Classroom.

Description of Task (s):	Resources and Materials:	Daily Checks
Monday - Thursday: <ul style="list-style-type: none">• Prior to the break, students were watching a series of videos from code.org about computers and the Internet. Students should finish watching the videos and taking notes.• (Red folders were taken home with the notes papers...)	<ul style="list-style-type: none">• Introduction• What Makes a Computer, a Computer?• Binary & Data• Circuits & Logic• Memory, CPU, Input, & Output• Hardware & Software• What is the Internet?• Wires, Cables, & WiFi• IP Addresses & DNS• Packets, Routing, & Reliability• HTTP & HTML• Encryption & Public Keys• Cybersecurity & Crime• How Search Works	<ul style="list-style-type: none">• On Friday, April 3rd, students will take the Video-based assessment (via Google Forms) posted on Google Classroom.• Students may use their notes while taking the assessment.
Friday: <ul style="list-style-type: none">• Video-based Assessment<ul style="list-style-type: none">○ Students will take an open-note assessment on the content shown in the 14 videos.○ Students have been taking notes since March 2nd.		

Week criteria for success (attach student checklists or rubrics):

Notes - Round 1

Notes - Round 2

Acronyms

Supportive resources and tutorials for the week (plans for re-teaching):

- Students will be encouraged to re-watch videos for clarification.