

Grade 8

Distance Learning Module 2: Week of: 4/6/2020-4/9/2020

CTE: Grade 8 Technology Engineering Elective

Robot Week - Round 2

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: <ul style="list-style-type: none">Students will watch an introductory video about robotics engineering.	<ul style="list-style-type: none">Interview with a Robotics Engineer	<ul style="list-style-type: none">Students will be asked to “Turn In” a <i>Robots - Day 1</i> Google Doc via Google Classroom.
Tuesday: <ul style="list-style-type: none">Look at more real-life examples of service robots.<ul style="list-style-type: none">Roomba & Marty (from S & S)	<ul style="list-style-type: none">RoombaMarty	<ul style="list-style-type: none">Students will be asked to “Turn In” a <i>Robots - Day 2</i> Google Doc via Google Classroom.
Wednesday: <ul style="list-style-type: none">Look at military-based robots.<ul style="list-style-type: none">Boston Dynamics	<ul style="list-style-type: none">Boston Dynamics - TEDTalkBoston Dynamics	<ul style="list-style-type: none">Students will be asked to “Turn In” a <i>Robots - Day 3</i> Google Doc via Google Classroom.
Thursday: <ul style="list-style-type: none">Look at ocean-based robots and medical-based robots.	<ul style="list-style-type: none">Deep-Sea RobotsSurgical RobotsNursing Robot	<ul style="list-style-type: none">Students will be asked to “Turn In” a <i>Robots - Day 4</i> Google Doc via Google Classroom.
Friday: <ul style="list-style-type: none">Good Friday	<ul style="list-style-type: none">Good Friday	<ul style="list-style-type: none">Good Friday

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

Robotics Videos Checklist

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

VEX IQ Curriculum