

CS/Cyber Awareness + Exploration

This toolkit of learning activities is for 10th grade teacher who are integrating cyber security awareness and exploration test drive/ activities into their classroom.

- CS/Cyber Awareness test drives in this toolkit introduce students to the basic concepts related to CS/Cyber as well as to industry and career options.
- CS/Cyber Exploration test drives in this toolkit ask students to explore and learn more about how CS/Cyber careers may support their own futures and goals.

The test drives in this toolkit are curated, interchangeable learning activities that can be delivered in-person or in remote learning settings. Most activities are “bite size” (10 – 30 minutes) with a several longer activities for deeper learning. The table below provides an overview of activities in each category, and the following page provides a pacing calendar with recommendations for activity integration.

<p><i>Awareness 1:</i> What is Cyber?</p>	<p>In-person or remote learning activities and digital resources to introduce students to information about Cyber Security</p> <ol style="list-style-type: none"> 1. Informational videos 2. Learning activities
<p><i>Awareness 2:</i> Ambassador Link</p>	<p>Resources for promoting Cyber career pathways through school and local partners or digital resources</p> <ol style="list-style-type: none"> 1. Ambassador guides 2. Cyber careers videos
<p><i>Exploration 1:</i> Future Self</p>	<p>In-person or remote learning activities and digital resources to connect student interests, decision-making skills, and Cyber careers</p> <ol style="list-style-type: none"> 1. Individual career assessment activities 2. Learning activities to explore LMI
<p><i>Exploration 2:</i> Getting Ahead</p>	<p>In-person or remote learning activities to support students’ exploration of the skills and requirements for Cyber careers</p> <ol style="list-style-type: none"> 1. Individual or team mini-projects for Cyber pathways exploration

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Pacing & Planning Guide

Toolkit implementation fidelity in the 10th grade classroom includes the introduction of four to six CS/Cyber Awareness activities before course registration in February or March.

AUGUST	SEPTEMBER	OCTOBER	NOVEMBER
Potential activities:	Potential activities:	Potential activities:	Potential activities:
<i>Awareness</i> <ul style="list-style-type: none"> What is Cyber? Ambassador Link 	<i>Awareness</i> <ul style="list-style-type: none"> What is Cyber? <i>Exploration</i> <ul style="list-style-type: none"> Future Self 	<i>Awareness</i> <ul style="list-style-type: none"> Ambassador Link <i>Exploration</i> <ul style="list-style-type: none"> Future Self 	<i>Awareness</i> <ul style="list-style-type: none"> Ambassador Link <i>Exploration</i> <ul style="list-style-type: none"> Future Self
Learning Focus	Learning Focus	Learning Focus	Learning Focus
Awareness of CS/Cybersecurity as a concept, skill, and career.	Awareness of CS/Cybersecurity as a concept, skill, and career. Awareness of career interests and options.	Awareness of local CS/Cyber learning and career pathways. Awareness of career interests and options.	Awareness of local CS/Cyber learning and career pathways. Awareness of career interests and options.

JANUARY	FEBRUARY	MARCH
Potential activities:	Potential activities:	Potential activities:
<ul style="list-style-type: none"> <i>Awareness</i> Ambassador Link <i>Exploration</i> <ul style="list-style-type: none"> Getting Ahead 	<ul style="list-style-type: none"> <i>Awareness</i> Ambassador Link <i>Exploration</i> <ul style="list-style-type: none"> Getting Ahead 	<ul style="list-style-type: none"> <i>Awareness</i> Ambassador Link
Learning Focus	Learning Focus	Learning Focus
Awareness of local CS/Cyber learning and career pathways. Awareness of career interests and alignment with CS/Cyber careers.	Awareness of local CS/Cyber learning and career pathways. Awareness of career interests and alignment with CS/Cyber careers.	Awareness of local CS/Cyber learning and career pathways.