

## Application List 2022-23

The PLTW Launch curriculum supports [Android™ tablets](#), [Android-enabled Chromebooks™](#), or [iPad® devices](#). The tables below show the applications needed for each device. Please reference the PLTW Launch Hardware Specifications for hardware requirements.

Along with the installed device applications, the PLTW Launch curriculum also utilizes [web applications](#) on all devices. Please ensure that these websites are allow listed.

### PLTW Launch Android Tablet Application List (if using an Android-enabled Chromebook, see list below)

Application Name	Source	Module	Grade Level Alignment
Inkling	Google Play (Android)	All	All
Zoho Show	Google Play (Android)	All	All
Mindomo	Google Play (Android)	All	All
Read with Me	Google Play (Android)	Healthy Habits	PreK
VEX Classroom	Google Play (Android)	Spatial Sense and Coding (Teacher Only)	PreK
Play and Learn Science	Google Play (Android)	Matter: Floating and Sinking (Distance Learning Only); Sunlight and Weather	PreK (DL) and K
Quik (GoPro)	Google Play (Android)	Healthy Habits; Life Cycles and Survival; Environmental Changes; Organisms: Structure and Function; Earth: Human Impact and Natural Disasters; Ecosystems: Flow of Matter and Energy; Patterns in the Universe; Infection: Modeling and Simulation	PreK, 3, 4, and 5

Application Name	Source	Module	Grade Level Alignment
ScratchJr	Google Play (Android)	Spatial Sense and Coding (Distance Learning Only); Animals and Algorithms; Animated Storytelling; Grids and Games	PreK (DL), K, 1, and 2
SmartCompass (Smart Tools Co.)	Google Play (Android)	Light: Observing the Sun, Moon, and Stars; Weather: Factors and Hazards; Patterns in the Universe	1, 3, and 5
Google Earth	Google Play (Android)	The Changing Earth; Earth: Past, Present, and Future; Energy Exploration	2 and 4
VEXcode IQ	Google Play (Android)	Robotics and Automation; Robotics and Automation: Challenge	5

PLTW Launch Android-enabled Chromebook Application List

Application Name	Source	Module	Grade Level Alignment
*Inkling (also accessible via browser)	Google Play (Android)	All	All
*Zoho Show	Google Play (Android)	All	All
*Mindomo (or other mapping tool)	Google Play (Android)	All	All
*VEX Classroom	Google Play (Android)	Spatial Sense and Coding (Teacher Only)	PreK
*Play and Learn Science	Google Play (Android)	Matter: Floating and Sinking (Distance Learning Only); Sunlight and Weather	PreK (DL) and 1
*ScratchJr	Google Play (Android) Touchscreen Chromebooks Only	Spatial Sense and Coding (Distance Learning Only); Animals and Algorithms; Animated Storytelling; Grids and Games (See Teacher Guide for a module update announcement)	PreK (DL), K, 1, and 2
VEXcode IQ	Chrome Web Store	Robotics and Automation; Robotics and Automation: Challenge	5

\*These are Android apps, and thus are only accessible with Android-enabled Chromebooks. Note the PLTW Launch Hardware Specifications require the use of Android-enabled Chromebooks. The Google Play Store and these applications cannot be installed on Chromebooks that are not Android-enabled.

PLTW Launch iPad Application List

Application Name	Source	Module	Grade Level Alignment
Inkling	App Store (iPad)	All	All
ShowMe Interactive Whiteboard	App Store (iPad)	All	All
Popplet Lite	App Store (iPad)	All	All
Mindomo	App Store (iPad)	All	All
Chrome	App Store (iPad)	All	All
Book Creator One	App Store (iPad)	Healthy Habits	PreK
VEX Classroom	App Store (iPad)	Spatial Sense and Coding (Teacher Only)	PreK
Play and Learn Science	App Store (iPad)	Matter: Floating and Sinking (Distance Learning Only); Sunlight and Weather	PreK (DL) and 1
iMovie by Apple (optional)	App Store (iPad)	Healthy Habits; Life Cycles and Survival; Input/Output: Human Brain; Earth: Past, Present, and Future; Patterns in the Universe; Infection: Modeling and Simulation	PreK, 3, 4, and 5
ScratchJr	App Store (iPad)	Spatial Sense and Coding (Distance Learning Only); Animals and Algorithms; Animated Storytelling; Grids and Games	PreK, K, 1, and 2
Star Chart	App Store (iPad)	Light: Observing the Sun, Moon, and Stars; Patterns in the Universe	1 and 5

Application Name	Source	Module	Grade Level Alignment
Google Earth	App Store (iPad)	The Changing Earth; Earth: Past, Present, and Future; Energy Exploration	2 and 4
Reaction Test Pro	App Store (iPad)	Input/Output: Human Brain	4
SloPro	App Store (iPad)	Energy: Collisions; Energy Exploration; Matter: Properties and Reactions	4 and 5
VEXcode IQ	App Store (iPad)	Robotics and Automation; Robotics and Automation: Challenge	5

**PLTW Launch Web Application List**

These web applications are used on all devices and are accessible via the default browser. Please ensure they are allow listed.

Application Name	Source	Module	Grade Level Alignment
Book Creator for Chrome (Chromebook only)	<a href="https://bookcreator.com/">https://bookcreator.com/</a>	Healthy Habits	PreK
Kapwing	<a href="https://www.kapwing.com/">https://www.kapwing.com/</a>	Healthy Habits; Weather: Factors and Habits; Life Cycles and Survival Energy: Collisions; Earth: Past, Present, and Future; Energy Exploration Matter: Properties and Reactions; Patterns in the Universe Infection: Modeling and Simulation	PreK, 3, 4, and 5

Application Name	Source	Module	Grade Level Alignment
Kindle Cloud Reader	<a href="https://read.amazon.com/">https://read.amazon.com/</a>	Pushes and Pulls; Animal Adaptations; Materials Science: Properties of Matter; Materials Science: Form and Function; Energy: Conversion; Infection: Detection	K, 1, 2, 4, and 5
Google Earth (Chromebook only)	<a href="https://www.google.com/earth/">https://www.google.com/earth/</a>	The Changing Earth; Earth: Past, Present, and Future; Google Earth	2 and 4
SciJinks Hurricane Simulation	<a href="https://scijinks.gov/hurricanesimulation/">https://scijinks.gov/hurricanesimulation/</a>	Weather: Factors and Hazards	3
SciJinks Tornado Simulator	<a href="https://scijinks.gov/tornadosimulation">https://scijinks.gov/tornadosimulation</a>	Weather: Factors and Hazards	3
Twisted Wave	<a href="https://twistedwave.com/">https://twistedwave.com/</a>	Environmental Changes; Organisms: Structure and Function; Earth: Human Impact and Natural Disasters; Ecosystems: Flow of Matter and Energy	3, 4, and 5
Scratch	<a href="https://scratch.mit.edu/">https://scratch.mit.edu/</a>	Sunlight and Weather (Distance Learning Only); Grids and Games (optional); Programming Patterns; Input/Output: Computer Systems; Input/Output: Human Brain; Patterns in the Universe; Infection: Modeling and Simulation;	K (DL), 2, 3, 4, and 5
Energy Skate Park: Basics	<a href="#">Click for link to website</a>	Energy: Collisions	4

Application Name	Source	Module	Grade Level Alignment
Wave on a String	<a href="#">Click for link to website</a>	Waves and the Properties of Light	4
Waves Intro	<a href="#">Click for link to website</a>	Waves and the Properties of Light	4
Bending Light	<a href="#">Click for link to website</a>	Waves and the Properties of Light	4
Dynamic Earth Interactive by Annenberg Learner	<a href="#">Click for link to website</a>	Earth: Past, Present, and Future	4
Earthquake Hazards	<a href="#">Click for link to website</a>	Earth: Human Impact and Natural Disasters	4
Disaster Master	<a href="#">Click for link to website</a>	Earth: Human Impact and Natural Disasters	4
Build a Kit	<a href="#">Click for link to website</a>	Earth: Human Impact and Natural Disasters	4
Energy Forms and Changes	<a href="#">Click for link to website</a>	Energy Exploration	4
Collision Lab	<a href="#">Click for link to website</a>	Energy Exploration (Distance Learning Only)	4 (DL)
ROBOTS	<a href="https://robots.ieee.org/">https://robots.ieee.org/</a>	Robotics and Automation; Robotics and Automation: Challenge	5
The Habitable Planet: Disease Lab by Annenberg Learner	<a href="#">Click for link to website</a>	Infection: Modeling and Simulation	5
States of Matter: Basics	<a href="#">Click for link to website</a>	Matter: Properties and Reactions	5
The Habitable Planet: Ecology Lab by Annenberg Learner	<a href="#">Click for link to website</a>	Ecosystems: Flow of Matter and Energy	5
Our World: Sun’s Position	<a href="#">Click for link to website</a>	Patterns in the Universe	5
What Causes the Seasons? by NASA Space Place	<a href="https://spaceplace.nasa.gov/seasons/en/">https://spaceplace.nasa.gov/seasons/en/</a>	Patterns in the Universe	5

Application Name	Source	Module	Grade Level Alignment
Stellarium Web	<a href="https://stellarium-web.org/">https://stellarium-web.org/</a>	Light: Observing the Sun, Moon, and Stars; Patterns in the Universe	5
Water Sense for Kids	<a href="https://www.epa.gov/watersense/watersense-kids">https://www.epa.gov/watersense/watersense-kids</a>	Earth's Water and Interconnected Systems	5