

# 2017-18 ITC Equipment for Checkout

## **Purpose of the Instructional Technology Center equipment:**

The Instructional Technology Center encourages, assists and provides support for the use of technology as a tool to facilitate and enhance teaching and learning. Our equipment is available for short term checkout to College of Education faculty and students for use as they incorporate technology tools into their instruction.

**All items will be available for a checkout length of 7 days. If there is not a hold on items, they can be checked out for an additional 7 day period (not to exceed 14 days in one month).**

Checkouts needed longer than 14 days will need to be approved by the Director of the Instructional Technology Center by request at least 1 week before checkout. Additional Checkout Information can be found on the ITC home page

## **Equipment Available for Checkout**

<b>Item</b>	<b>Amount</b>	<b>Purpose</b>
<b>Chromebooks</b> (There are 24 chromebooks on a cart, and 5 additional chromebooks for individual checkout)	29	Laptop that boots into the Google Chrome environment. Use for internet research and with web apps. Store information directly to a cloud environment. No DVD drive
<b>Dell Laptops</b>	17	These laptops are used just like a desktop computer with the same functionality plus wireless access. These laptops have the Respondus software installed on them.
<b>Macbook Air Laptops</b>	6	These laptops have specific Apple software on them such as Garageband, iMovie, iPhoto. Airs are smaller and lighter than traditional laptops. They do not have a DVD drive. These laptops have the Respondus software installed on them.
<b>Online Learning Kits</b>  **These laptops are available for semester long checkout to faculty developing or teaching online classes.	10	Laptop with Dragon software installed to allow for voice to text capabilities. Headphones with built in microphones and wireless mouse are also included in kit. Faculty must be working on building an online course or course materials to use these kits. These laptops have the Respondus software installed on them.
<b>Laptops (TEA Fellows)</b>	20	These laptops are used just like a desktop computer with the same functionality plus wireless access. These laptops have the Respondus software installed on them.

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Item	Amount	Purpose
<b>Projectors</b> 4 Projectors connect through VGA 3 Projectors connect through HDMI/VGA	7	Used to connect to a laptop or desktop for the purposes of presenting information to a large audience. We have projectors that connect to equipment with VGA or HDMI ports.
<b>Smart Cart</b> Currently being used in a classroom in Withers	1	Cart with projector, laptop, and presentation clicker on a cart. Used for presenting information to an audience in a location where there is not currently a computer. Must stay in Withers.
<b>Digital Camcorders</b>	13	These are non-edTPA camcorders to be used for classroom videotaping. SD cards available to borrow upon request.
<b>Green Screen</b> (10'x 12' screen)	1	Green fabric background that allows for the user to change the background to anything else while being filmed or photographed in front. Lights are available upon request.
<b>Mini Green Screen</b> (6'x 9' screen)	1	Green fabric background that allows for the user to change the background to anything else while being filmed or photographed in front. Lights are available upon request.
<b>Webcams</b>	8	Webcams can be used for videoconferencing. These rest on the top of your computer, and connect via the USB cable.
<b>Digital Still Cameras</b>	4	Used to take digital photos. SD cards available to borrow upon request.
<b>Document Cameras</b>	4	Used to show text or small items in a larger format. Connect to a computer using a USB cable. Use with a projector to bring small items to life.
<b>Tripods</b>	13	Use for cameras and camcorders when the image needs to be still.
<b>iPads</b> Gen 2- 10 Gen 3- 3 Gen 4- 44	58	iPads have multiple uses. Can connect to the internet for research or can be used with a variety of apps. Please alert the ITC at least 48 hours in advance if you have a request for free apps to be added to an iPad.
<b>iPads (TEA Fellows)</b>	8	iPads have multiple uses. Can connect to the internet for research or can be used with a variety of apps. Please alert the ITC at least 48 hours in advance if you have a request for free apps to be added to an iPad.

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<b>Item</b>	<b>Amount</b>	<b>Purpose</b>
<b>Surface tablet</b>	1	Similar to an iPad. Use for note taking or with apps for games or productivity.
<b>iOgraphers</b>	6	Place an iPad in the iOgrapher to mount on a tripod for steady images. Can also be used with a wide angle lens
<b>Swivl Gen 2 with iPod touch</b>	23	Place the iPod in the Swivl to record lectures and presentations. Can also be used with iPads, iPhones, and Androids.
<b>Snowball Microphones</b>	23	Microphone that can be connected to computer to enhance audio quality. We also have 5 pop filters that can be used with the Snowball microphone to help filter your voice.
<b>Classroom Voice Trackers</b>	7	Microphone that can be used in a classroom setting to pick up voices from around the room and project through a speaker system in the computer or room. Used when videoconferencing with a large group of people.
<b>Wireless Keyboard</b>	1	Wireless keyboard for Apple devices.
<b>USB Mice</b>	10	Mouse that connects to the computer via a USB cable.
<b>Wireless Mice</b>	3	Mouse that connects to the computer via a dongle to be used wirelessly.
<b>Keyspan Remotes</b>	7	Wireless presentation remote that can be used to advance slides in a presentation.
<b>Voice Recorder</b>	1	Voice recorder that allows you to record a conversation.
<b>Adapters</b>	Many	Various Adapters for connecting iPods, iPads, laptops to projectors.
<b>Headphones</b>	20	Headphones to be used for projects or listening to music.
<b>Headphones with built in microphone</b>	6	Can be used for videoconferences or recording into a computer
<b>Speakers</b>	2	Speakers for computers that connect via a USB cable.
<b>Extension Cords</b>	4	Various lengths.

# 2017-18 ITC Equipment for Checkout

## Equipment Available for Checkout to film your EdTPA Lessons

Item	Amount	Purpose
edTPA Camera Set	104	Use for videotaping classroom instruction- for use by edTPA students only.  Camera Sets include: <ul style="list-style-type: none"><li>• Canon Camcorder</li><li>• Tripod</li><li>• Wireless Microphone set with rechargeable batteries</li></ul>
Audio Splitters	25	To be used with multiple sets of microphones when filming in a classroom.

Please check the ITC website for information regarding the checkout of edTPA items.

# 2017-18 ITC Equipment for Checkout

## Equipment Available for Checkout from the Instructional Technology Room

Item	Amount	Purpose
<b>Digital Microscopes</b> (we also have 3 sets of slides for checkout)	2	This microscope allows you to capture a still or moving image and annotate over it. This connects to the computer via a USB cable and requires specific software. Prepared slides are available for checkout upon request.
<b>Zoomy Digital Microscopes</b>	6	This is a handheld microscope that is friendly for smaller children to use to explore items close up. This connects to the computer via a USB cable and requires specific software. Prepared slides are available for checkout upon request.
<b>Wii Gaming System</b>	1	Use for various activities
<b>Wii Games</b> Wii Sports, Wii Play, Wii Fit, Wii Music, Wii Active	1 each	Use for various activities
<b>Wii Outdoor Challenge Game</b>	1	Use for various activities
<b>Dance, Dance Revolution 2</b>	1	Use for various activities
<b>Digital Drum Kit</b>	1	Used to create music
<b>Digital MIDI Keyboard</b>	1	Used to create music
<b>Spheros</b>	6	Round robot that can be programmed or driven by students. Must be used with an iPad. Various skins and ramps available to use with the Sphero upon request.
<b>Ollies</b>	6	Cylindrical robot that can be programmed or driven by students. Must be used with an iPad. Various tires and ramps available to use with the Ollie upon request.
<b>BB8</b>	2	Robot that can be programmed or driven by students. Must be used with an iPad. One force band is available for checkout with the BB8 by request.
<b>Instructional Technology Room iPads</b>	11	These have specific apps on them that run some of the items in the Instructional Technology room. These can be checked out with other equipment from the IT Room.
<b>Instructional Technology Room Laptops</b>	9	These laptops have Scratch software and the digital microscope software installed on them. These can be checked out with other equipment from the IT Room.

# 2017-18 ITC Equipment for Checkout

Item	Amount	Purpose
<b>VR headsets</b>	11	These can be used to explore Virtual Reality apps. Use your own phone or iPods, or check out one of our red iPods to use with them.
<b>Red iPods</b>	10	These iPods come pre-loaded with virtual reality apps. Use with the VR headsets for a complete VR experience.
<b>Makey Makey</b>	1	This can be used to create input devices for your computer.
<b>Raspberry Pi</b>	1	These are low cost computers that can be programmed for many different tasks. We have some how-to books also available for checkout.
<b>Little Bits Kits</b>	5	Little Bits can be used to create electronic circuits. The kits are all different and come with many pieces to create hundreds of projects
<b>Ozobot Bits</b> (These are checked out in sets of 2)	18	These are little robots that can be programmed using colored markers or through various apps. We have graph paper, markers, and other assorted items that can be checked out with the ozobots upon request.
<b>Ozobot Evos</b> (These are checked out in sets of 2)	8	These ozobots work the same as the bits, or can be used interactively with each other. They come with various skins representing the Marvel Avengers. (Hulk, Ultron, Black Widow, Captain America, and Iron Man are available for checkout)
<b>Lego Wedo Kits</b>	4	These kits can be used to create moveable legos that can be programmed through an app. These will need to be used with an iPad.
<b>Stickbot Kits</b>	6	Stickbots can be used to create green screen projects with students. Additional accessories and stickbot pets are available for checkout upon request.
<b>Scratch resource books</b>	12	Scratch can be used as an introduction to programming. We have 2 sets of books (5 each) that show how to create games and projects using Scratch.
<b>Vernier Science Probes</b>	4	We have a few different types of science probes that can be used to measure temperature and more. <ul style="list-style-type: none"> <li>• Go Motion</li> <li>• Temperature Probe x3</li> <li>• Go Link</li> <li>• Magnetic Field Sensor</li> <li>• Voltage Probe</li> </ul>

# 2017-18 ITC Equipment for Checkout

Item	Amount	Purpose
<b>Augmented Reality Items</b>	13	<p>Augmented reality items come to life when you hold a device over certain images. The images turn into animations or videos with sound. The items listed below must be used with an iPad that has the correct app loaded on it.</p> <p>Cards</p> <ul style="list-style-type: none"> <li>- Animals (5)</li> <li>- Dinosaurs (5)</li> <li>- Solar System (5)</li> <li>- Careers (5)</li> </ul> <p>Books/ Interactives</p> <ul style="list-style-type: none"> <li>- iScience</li> <li>- iStorm</li> <li>- iWeather</li> <li>- Solar System</li> <li>- ABC Animals</li> <li>- Storybooks Reimagined (4)</li> <li>- Chemistry cubes</li> </ul> <p>Posters</p> <ul style="list-style-type: none"> <li>- Periodic Table of Elements</li> <li>- Map of the World</li> </ul>
<b>Breakout EDU Kits</b>	8	These kits can be used to create Breakout Activities for your classroom. Each kit comes with a set of locks.
<b>Codemaster Game</b>	5	Programming game that can be used with students ages 8 and older.
<b>Robot Turtles Game</b>	5	Programming game that targets students ages 4-8.
<b>Code Monkey Island</b>	5	Programming game that can be used with students ages 8 and older.
<b>littleCodr Game</b>	5	Programming game can be used with early elementary students.
<b>Robot Wars Game</b>	5	Programming game that can be used with students ages 8 and older.
<b>Cyber Dilemmas in a Jar</b>	5	Ethical scenarios for classroom discussion on digital citizenship
<b>Snap Circuits</b>	2	Electronics and Circuitry game

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Item	Amount	Purpose
<b>Circuit Scribe</b> (Extra markers and boards available)	2	Activity pad that teaches students about creating circuits, the flow of electricity, and resistance. Special conductive markers need to be used with these kits.
<b>Laser Maze Game</b>	1	Logic game
<b>Gravity Maze Game</b>	1	Logic game
<b>Q Bits</b>	1	Logic game
<b>Noodlers</b>	1	Logic game
<b>Logic Links</b>	1	Logic game

## PESH Department Equipment for Checkout

Item	Amount	Purpose
PETE Camcorders	4	Only checked out to PESH Faculty and students
PETE iPads	6	Only checked out to PESH Faculty and students
PETE wireless mic kits	7	Only checked out to PESH Faculty and students
PETE tripods	4	Only checked out to PESH Faculty and students
PETE pedometers	30	Only checked out to PESH Faculty and students

## EDCO 305/602 Equipment for Checkout

Item	Amount	Purpose
Camcorders	5	Only checked out to EDCO 305/602 Faculty and students



# 2017-18 ITC Equipment for Checkout

## Assistive Technology Items for Checkout

### Teacher Resources Bin

Item	Purpose
Assistive Tech Quick Wheel	Tool that helps teachers decide which AT devices will best help their students. These tools for teachers also help to identify strategies for teaching students with AT needs.
Assistive Tech Planner	Tool that helps teachers decide which AT devices will best help their students. These tools for teachers also help to identify strategies for teaching students with AT needs.
Book of Possibilities - Elem.	Tool that helps teachers decide which AT devices will best help their students. These tools for teachers also help to identify strategies for teaching students with AT needs.
Book of Possibilities - Sec.	Tool that helps teachers decide which AT devices will best help their students. These tools for teachers also help to identify strategies for teaching students with AT needs.
Technology Fan (2)	Tool that helps teachers decide which AT devices will best help their students. These tools for teachers also help to identify strategies for teaching students with AT needs.

### Basketball

Item	Purpose
Basketball	This basketball helps students with sports skills related to basketball like dribbling and shooting. This needs to be charged before use and can connect through Bluetooth to a device in order to capture data while in use.

### Keyboards

Item	Purpose
Ergonomic Lap Keyboard	This keyboard is easier on the wrists, and is also particularly well-suited for wheel chairs. It can be adjusted for different finger placement.
Intellitools Keyboard	This keyboard can be used with overlays to help students communicate.

### Bean Bag Dog

Item	Purpose
Bean Bag Dog	Bean Bag Dog is intended for use as a comforting companion. The weight from having him in your lap is soothing, and he can be pet like a real dog, or squeezed like a stress ball.

# 2017-18 ITC Equipment for Checkout

## Fine Motor Skills Bin

Item	Purpose
Jumbo Pencil Grips	Pencil grips are used for guidance of finger placement which helps encourage proper writing technique. For patrons with reduced or poor motor skills, pencil grips can aid in making the pencil larger and therefore easier to use.
Adaptive Utensils- Spoons/Forks (4)	Adaptive utensils can be bent and shaped in ways that make eating easier for individuals who struggle with traditional, straight utensils.
Non Sliding Bowl	The non-sliding bowl is designed for people who have limited upper extremity muscle control as well as people who are unable to use another hand to steady the bowl.  The lip on one side of the bowl helps keep food in the bowl.
Charlie & Lola Book	Adaptive books with tabs are used for individuals with poor motor skill who might need help turning pages. The tabs make it easy to separate the pages and move on to the next one.
Remember Your Manners Book	Adaptive books with tabs are used for individuals with poor motor skill who might need help turning pages. The tabs make it easy to separate the pages and move on to the next one.
Peg Block	The peg block is used for motor development by manipulation of objects. The blocks are held together by Velcro and allow the user to pull the blocks apart. The pegs can be taken out of their holes and put back in.
Scissors	Scissors are used for cutting various thin materials such as paper, poster board, cloth, cardboard, etc. By using scissors, one can strengthen their hand coordination which improves fine motor skills. These particular scissors are gripped like a stress ball.
Crayola Digital Tools Pack	Crayola DigiTools are the perfect creative accessories for the iPad. These sleek, stylish instruments produce colorful designs in a variety of wild and whimsical ways. Each DigiTools pack includes a free app with pages of virtual line art, animated stamp designs and other dazzling digital effects. DigiTools reinforce the skill of coloring and drawing, while involving fine motor skills development.
Wiki Sticks	Wikki Stix are made of hand-knitting yarn enhanced with a microcrystalline food-grade, non-toxic wax. They help enhance learning through hands-on kinesthetic involvement.
Triangle Crayons	Triangular crayons are easier to grip for those who have trouble writing with smaller, traditional crayons. Also, because of their shape, they won't roll away!
Pencil Grip Sensory (10)	Pencil grips are used for guidance of finger placement which helps encourage proper writing technique. For patrons with reduced or poor motor skills, pencil grips can aid in making the pencil larger and therefore easier to use.

# 2017-18 ITC Equipment for Checkout

## Math Legos Bin

Item	Purpose
Assorted Legos with numbers and operators	Learning math skills through play.

## Math Bin

Item	Purpose
Coinulator Activity Cards	Cards that go with the Coinulator game
Coinulator (3)	Learn about money with this fun and interactive coin-counting calculator! Each realistic coin and dollar button makes a sound when pressed. Use the Coin-U-Lator to count money, teach the value of different coins, determine how much money is needed to make a purchase, and more!
Power Pen - Division	This pen allows students to find the correct answer with some encouragement and feedback along the way. Available in different versions to help learn math and language arts skills.
Power Pen - Place Value	This pen allows students to find the correct answer with some encouragement and feedback along the way. Available in different versions to help learn math and language arts skills.
Power Pen - Fractions	This pen allows students to find the correct answer with some encouragement and feedback along the way. Available in different versions to help learn math and language arts skills.
Talking Calculator	This calculator talks out loud as buttons are pressed.

## Tubaloos

Item	Purpose
Tubaloos (10)	Innovative reading tool that allows children to listen more clearly to their reading rate, phrasing, and expression. It helps motivate children to practice oral reading fluency and comprehension. This tool benefits children who are beginner/intermediate readers, children with speech disorders, foreign language students, special needs students, and music students. Place the toobaloo to your ear like you would a telephone and it amplified the voice to hear more clearly.

# 2017-18 ITC Equipment for Checkout

## Language Arts Bin

Item	Purpose
Braille Cards	This is a visual representation of the braille alphabet without contractions. To conserve space and increase reading speeds, the braille code contains 189 contractions.
Tactile Letters	The unique "trace-the-path" design of these durable letters helps kids get in touch with all 26 UPPERCASE letterforms. This activity promotes letter identification and writing skills.
Raised Paper	Raised paper is designed for individuals who have difficulty staying on or between the lines of traditional writing paper. The paper gives the writer tactile, kinesthetic and visual feedback. Raised line papers are great for teaching line orientation, and cueing correct letter and word spacing.
Old Lady Who Swallowed A Fly Book	Adaptive books with manipulatives and music allow children to improve hand-eye coordination as well as fine motor skills while learning a story and having fun.
Emergent Literacy Book	Adaptive books with manipulatives and music allow children to improve hand-eye coordination as well as fine motor skills while learning a story and having fun.
Spelling Ace	The Franklin Spanish/English Dictionary translates words and phrases from English to Spanish as well as from Spanish to English. It also offers useful phrases and ways to use the word in a sentence. There are games and other learning tools to help the user learn the language in an interactive way. The device comes with a copy of the manual, which can no longer be found online.

# 2017-18 ITC Equipment for Checkout

## Communication Bin 1

Item	Purpose
Black Felt Triangle	Black Felt Boards are useful shapes and structures that are made to easily attach and remove Velcro objects. The felt material will hold objects in place and will allow children to easily move them around in various ways. It can be used for fun fill-in-the-blank activities, as well as for helping students understand sentence structure.
Scanning Board	The Saltillo Scanning Board is another communication device with a series of 12 squares to each hold a picture and a corresponding word or phrase. It can be used as an assistive form of communication for those with learning disabilities or communication difficulties.
Go Talk 20+	The Go Talk 20+ Board is a communication device that uses pictures to teach learners corresponding words or phrases. To use, choose a series of pictures to fit into device. Each square can then be assigned its own recording. The Go Talk 20+ Board reinforces communication through visual aids. It can also be used in speech therapy.
Time Cue	This recording alarm clock lets a student record and playback voice to use as your wake-up or reminder alarm. This would benefit anyone who has trouble remembering what to do and when to do it.
TalkTrac Communicator	The Talktrac Communicator can be worn like a watch by anyone with anxiety about communicating with others. There are 8 programmable messages where a voice can be recorded, then played back in a social situation. This can also be used to create to-do lists, or a list of sequential events that the wearer must complete.
PCS Cards	Picture Communication Cards are individual cards each with a particular word and corresponding picture. They can be used for many different augmentative communication activities, such as creating job charts and making sentence strips.
Talking Mini Keychain	Talking Photo Keychains are similar to photo albums, except that they are managed with electronic media. Most have USB or micro USB ports, which can allow them to connect directly to a computer.
Talking Photo Album	The Talking Photo Album can be used to assign audio files to different pictures. Each page can record a message, and the pictures can be replaced and re-recorded as many times as necessary.
Mini Photo Album	Photo album that can be used to communicate ideas.
Cards on a String	Example of one way to organize the PCS cards so that students can complete sentences or have easy access to images they use on a regular basis.

# 2017-18 ITC Equipment for Checkout

## Communication Bin 2

Item	Purpose
Talking Yellow Switch	The Talking Buddy Yellow Switch can be assigned various functions for physically and/or mentally disabled learners. By connecting it to a computer, one can use software to program audio responses, visual cues, cause and effect relationships, etc. Since the button is big, using the device is quite simple for students.
Ablenet Talk 2 Double Switch	The Ablenet iTalk2 is a communication device with 2 different buttons providing 2 different recorded messages. Simply remove clear cover from buttons to display a word or picture and then record a word or message for each button. This device reinforces communication skills for those who have difficulty, and can be used to indicate a choice.
Big Red Switch	The big red switch can be assigned various functions for physically and/or mentally disabled learners. By connecting it to a computer, one can use software to program audio responses, visual cues, cause and effect relationships, etc. Since the button is big, using the device is quite simple for students.
Switch Timer	The AbleNet Switch Timer adds modes of control to any device that uses a switch. It can be used to delay responses, offer sporadic responses, or even start and stop playback on a song, cartoon, etc. Like other switch devices, it can be used for special education, speech therapy, visual cues, cause and effect relationships, and fine motor skills.
String Switch	The String Switch is a device used by those with limited active/fine motor movement. Attaching a string to a finger or arm, a small movement of the body part can allow the student to control whatever the String Switch is connected to. A slight pull activates the switch. It can also be used to develop fine motor skills in students who have shown progress in more simple motions.
Slimtalker Recorder	The SlimTalker Recording Device is a communication tool used for those with limited communication skills or learning disability. It shows a picture with a corresponding message. The picture slot is interchangeable. To record, press the REC button. To play, press the PLAY button. To replace an image, take off the top piece of plastic and slide out the clear cover and the paper image. Replace with desired paper and cover.
Albenet Making Connections	Resource book that gives educators ideas on how to communicate with students.