

This is a checklist of questions for making meaningful and appropriate early childhood tech integrated play and lesson plans.  
**MAKE A COPY IN GOOGLE** Add in pictures and links that will be helpful to other early childhood professionals as you plan! Link to this checklist: <http://bit.ly/TECPlan> Refer to TEC Center's blog post for questions to ask as you plan: [bit.ly/TECQPlan](http://bit.ly/TECQPlan)

## Getting Started w/TEC Integrated Play and Lesson Planning

scan QR code to be taken to this doc in Google



**Your Name:** Christy Sulaiman

**Class or Grade you teach:** Pre-K

**Name of School:** Immaculate Conception-St. Joseph School

**How many years have you been teaching?** 6

**Play or Lesson Plan Title:** Taking Photos on the iPad, Part 1

**City and State:** Chicago, IL

**District Name or #:** Archdiocese of Chicago

**How long have you been using tech w/children?** 3 years

<b>Play or Lesson Focus</b>	<input type="checkbox"/> Literacy <input type="checkbox"/> Science <input checked="" type="checkbox"/> Technology or Media Literacy (how to use tech or make tech) <input type="checkbox"/> Engineering <input type="checkbox"/> Art <input type="checkbox"/> Math
<b>Play or Lesson Objective</b> <ul style="list-style-type: none"> <li>○ Is this really one play or lesson plan?</li> <li>○ Or does it need to be divided into several different plans with their own objectives?</li> </ul>	Students will become familiar with the Camera app on the iPad and will take at least 1 photo using the app, with assistance from a teacher.
<b>Standards your plan meets (State, <a href="#">Head Start</a>, ECERS, <a href="#">ISTE</a>, etc.)</b> <b>NOT NECESSARY BUT FOR SOME PROGRAMS IT IS IMPORTANT TO LIST WHAT STANDARDS YOU ARE MEETING</b>	

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<p><b>Where will this lesson or play experience take place?</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Circle Time</li> <li><input type="checkbox"/> Centers</li> <li><input type="checkbox"/> Block area</li> <li><input type="checkbox"/> Pretend Play area</li> <li><input type="checkbox"/> Desks or Group Tables</li> <li><input type="checkbox"/> Gym/Large indoor area or Hallway</li> <li><input type="checkbox"/> Outdoors</li> </ul> <p><b>Will children design the space with you?</b></p>	<p>This lesson will take place on the rug. To begin the lesson, I will mirror the Camera app on the iPad on the classroom's SMART board.</p> <p>The lesson will focus on the following:</p> <ul style="list-style-type: none"> <li>• Where to locate and how to use the Home Button to unlock the iPad</li> <li>• Where to locate the Camera app once the iPad is unlocked</li> <li>• How to take a photo with the Camera app (i.e. how to hold the iPad, how to focus the camera, where to locate and how to use the Shutter Button, how to review photos taken)</li> </ul> <p>After I model how to take a photo, I will divide the class into two small groups to practice taking photos. I will work with one group, while my coteacher works with the other group. Each group will have one iPad to share, and each student will have a turn to take one photo.</p>
<p><b>What previous experience do children have with technology tools?</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> What are their digital skills?             <ul style="list-style-type: none"> <li><input type="checkbox"/> Are they in exploring stage i.e. learning the functions and how they respond?</li> <li><input type="checkbox"/> Are they in early integration stage i.e. documentation? Have they mastered the tool yet?</li> <li><input type="checkbox"/> Are they able to innovate yet? i.e. create and make or fully integrate into pretend play?</li> </ul> </li> </ul>	<p>Students are in the exploring stage as they will be familiarizing themselves with the technology.</p>

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<p><b>How much facilitation do you want to have in your play and learning experience?</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Does the facilitation need to be with an adult?</li> <li><input type="checkbox"/> Does the facilitation need be with a more experienced peer?</li> <li><input type="checkbox"/> Does the facilitation need to be with an older child?</li> </ul>	<p>This lesson is designed to be adult-facilitated as teachers work with small groups of students to assist them in handling the iPad and taking photos.</p>
<p><b>How much of your time will be technology how-to focused and how much will be play or hands-on focused?</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> What materials do you need to prep or have nearby?</li> <li><input type="checkbox"/> What new vocabulary has to be introduced?</li> <li><input type="checkbox"/> What materials can the children create or make with tech tools or art materials?</li> <li><input type="checkbox"/> What type of sensory experience are you creating?</li> </ul>	<p>I will spend 5-10 minutes introducing students to the Camera app, and the rest of the time will be hands-on focused as students practice taking photos.</p> <ul style="list-style-type: none"> <li>• Materials needed: SMART board, two iPads (one for each group of students)</li> <li>• New vocabulary to be introduced: Home Button, unlock, Camera app, focus, Shutter Button</li> <li>• Materials children can create or make: photos</li> <li>• Sensory experience: tactile, visual</li> </ul>
<p><b>What materials do I need?</b> <b>Examples include:</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> tech tools (including apps, robots, tangible tech, circuits, websites or software)?</li> <li><input type="checkbox"/> tablet stand or tripod?</li> <li><input type="checkbox"/> green screen materials?</li> <li><input type="checkbox"/> writing and notetaking?             <ul style="list-style-type: none"> <li><input type="checkbox"/> do students need to draw or take notes on paper?</li> <li><input type="checkbox"/> markers, pens, pencil, tablet styluses?</li> <li><input type="checkbox"/> whiteboards?</li> </ul> </li> <li><input type="checkbox"/> pretend play materials?</li> </ul>	<p><b>List or post pics of your materials here</b></p> <ul style="list-style-type: none"> <li>• SMART board</li> <li>• Two iPads (one for each group of students)</li> </ul>

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<ul style="list-style-type: none"> <li><input type="checkbox"/> engineering materials?             <ul style="list-style-type: none"> <li><input type="checkbox"/> blocks?</li> <li><input type="checkbox"/> good junk?</li> <li><input type="checkbox"/> pulleys?</li> <li><input type="checkbox"/> ramps</li> </ul> </li> <li><input type="checkbox"/> measuring tools?             <ul style="list-style-type: none"> <li><input type="checkbox"/> rulers, measuring tape, yarn, tape, blocks?</li> </ul> </li> <li><input type="checkbox"/> natural materials?             <ul style="list-style-type: none"> <li><input type="checkbox"/> found objects from nature?</li> </ul> </li> <li><input type="checkbox"/> literacy materials?             <ul style="list-style-type: none"> <li><input type="checkbox"/> books or mentor texts, including digital mentor texts?</li> </ul> </li> <li><input type="checkbox"/> are the materials you are using culturally appropriate?             <ul style="list-style-type: none"> <li><input type="checkbox"/> do the images reflect the diversity of the children you work with? what about gender and stereotypes?</li> <li><input type="checkbox"/> are they available in several languages for dual-language learners? And do the images match the words? i.e.: if it says el gato is there a picture of a cat not ice cream?</li> </ul> </li> </ul>	
<p><b>What hardware, website, apps, robots, tangible tech or software are you using?</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> What parts of the tech tool(s) do you anticipate causing your students trouble?</li> <li><input type="checkbox"/> What needs to be charged or updated before you use your tech tools with students?</li> </ul>	<p>Camera app on iPad:</p> <ul style="list-style-type: none"> <li>• Students might need assistance in handling the iPad, specifically handling the cover while taking a photo.</li> <li>• Students might need assistance in locating the Home Button, Camera app, and Shutter Button.</li> <li>• Students might need assistance in remembering the steps involved in taking a photo.</li> </ul>

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	<ul style="list-style-type: none"> <li>• Make sure the iPads are charged before the lesson.</li> </ul>
What resources will you use? (insert links to online handouts, videos, websites)	
<p>How much time do you think you'll need to introduce the students to the technology tool(s)?</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Will children learn how to use the tool through open exploration time or through guided practice/facilitation?</li> <li><input type="checkbox"/> What parts of the hardware and/or software do you anticipate causing your students trouble?</li> <li><input type="checkbox"/> What new tech terms do you need to introduce?</li> </ul>	<ul style="list-style-type: none"> <li>• I will spend 5-10 minutes introducing the Camera app to the class. The rest of the time will be dedicated to guided practice/facilitation as students practice taking photos on the iPad with teacher assistance, as needed.</li> <li>• Students might need assistance in handling the iPad, specifically handling the cover while taking a photo, and they might need assistance in locating the Home Button, Camera app, and Shutter Button.</li> <li>• I need to introduce the tech terms, <i>Home Button</i>, <i>unlock</i>, <i>Camera app</i>, <i>focus</i>, and <i>Shutter Button</i>.</li> </ul>
<p>How much time do you think you'll need to introduce the students to the concept you want them to learn?</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> In what contexts (whole group, small group, individually) might you need to roll out specific parts of your plan?</li> </ul>	<p>I will need no more than 5-10 minutes to introduce students to the Camera app as a whole class. Exploration of the Camera app will occur in two small groups, with teachers guiding students as they practice handling the iPad and taking photos.</p>
<p>Are there any students who may need additional supports, instructions, etc.?</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> How can you meet these children where they're at?</li> <li><input type="checkbox"/> Can the technology (hardware or software) be manipulated or adapted in any way to meet these needs?</li> </ul>	<ul style="list-style-type: none"> <li>• Students might need assistance in handling the iPad, specifically handling the cover while taking a photo. I will assist these students by having them prop the iPad on their knees or another surface, in order to take a photo.</li> <li>• I might need to create a visual aid for those students struggling to remember all of the steps involved in taking a photo.</li> </ul>

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<p><b>How can you use cooperative grouping/roles to manage the activities?</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Do I need a helper if I am working with another group of children?</li> <li><input type="checkbox"/> Do I need visual supports or a QR code that can take children to a tutorial?</li> </ul>	<p>My coteacher and I will both work with a small group of students, in order to provide guidance/assistance as needed. Some students might benefit from a visual aid of the steps involved in taking a photo.</p>
<p><b>What language/vocabulary might be helpful for children as they describe their processes for play/work/learning?</b></p> <p><b>Will children need to be introduced to any new vocabulary or terms?</b></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> If so, when should you introduce these new words and how?</li> </ul>	<p>The terms, <i>Home Button</i>, <i>unlock</i>, <i>Camera app</i>, <i>focus</i>, and <i>Shutter Button</i>, will be introduced during the lesson. While modeling how to take a photo, I will explain where to locate and how to use the Home Button, Camera app, and Shutter Button. I will also explain what it means to focus the camera before taking a photo.</p>
<p><b>Will there be a parent engagement or parent education piece?</b></p>	<p>Photos of the lesson will be posted to our classroom Instagram page.</p>
<p><b>How will I document my students work or how will my students?</b></p> <p><b>How will we reflect on our work?</b></p>	<ul style="list-style-type: none"> <li>• The photos taken by students will serve as documentation of their work.</li> <li>• Students will reflect on their work through discussion after lesson.</li> </ul>

**Describe your play or lesson plan activity so another teacher can understand what you did:**

**Additional Planning notes, description of play or lesson plan, pictures, links to helpful resources:**

You will find photos of the lesson on the next page.

# Erikson Institute

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In this photo, I am showing students where to locate the Camera app on the iPad.



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I am showing students how to focus the camera before taking a photo on the iPad.



A student is practicing taking a photo on the iPad.



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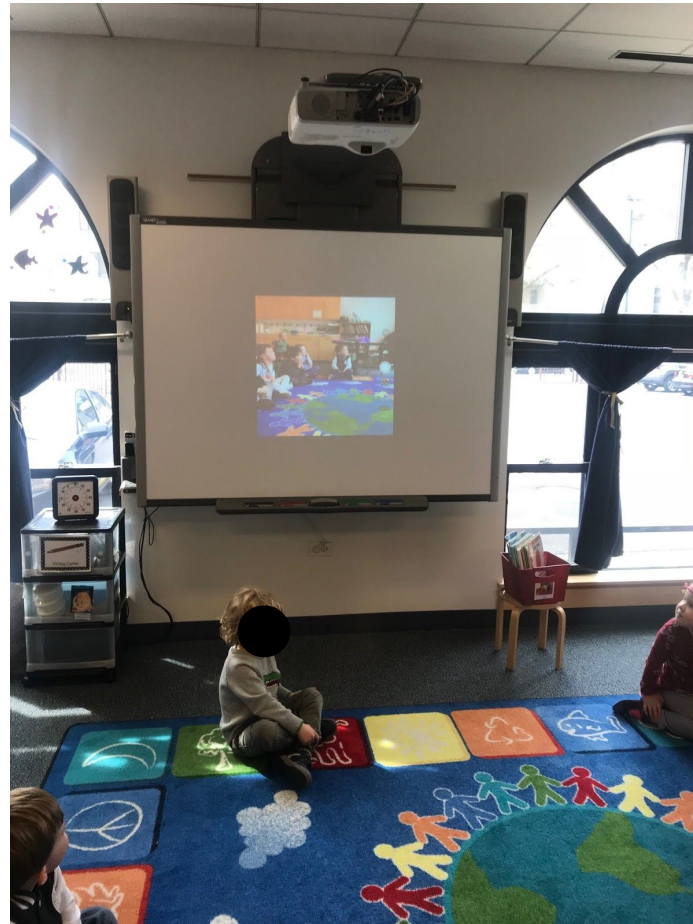
Another student is practicing taking a photo on the iPad.

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During the lesson, I mirrored the Camera app on the iPad on the SMART board so that students were able to watch their peers take photos.