

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

Your Name: Ashley Zundel

Class or Grade you teach: 3rd Grade

Name of School: St. Richard School

How many years have you been teaching? 6 years

Play or Lesson Plan Title: Introduction to Tools and Technology

City and State: Chicago, IL

District Name or #: Archdiocese of Chicago

How long have you been using tech w/children? 6 years

<p><b>Play or Lesson Focus</b></p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Literacy</li> <li><input type="checkbox"/> Science</li> <li><input checked="" type="checkbox"/> Technology or Media Literacy (how to use tech or make tech)</li> <li><input type="checkbox"/> Engineering</li> <li><input type="checkbox"/> Art</li> <li><input type="checkbox"/> Math</li> </ul>
<p><b>Play or Lesson Objective</b></p>	<p>The students will examine and explore the different tools and technology resources we provide them to use during their tech centers.</p>
<p><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></p>	<p>NGSS Standards: 3-5-ETS-1, 3-5-ETS1-1</p>
<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 checked="" type="checkbox"/> Centers</li> <li><input type="checkbox"/> Block area</li> <li><input type="checkbox"/> Pretend Play area</li> </ul>	<p>Whole group instruction and center based activities. Teacher will have the space and materials provided.</p>

<ul style="list-style-type: none"> <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><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 at the exploring stage of this lesson. They have knowledge on using iPads, hexbugs, Codeapillar, Code and Go Robot Mouse. They will be introduced on using the Green screen app and book creator.</p>
<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>The third graders will lead the centers with the preschoolers during the centers and the two teachers walk around monitoring and asking high level questions.</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>The beginning of the lesson the teacher will explain and introduce how to manipulate the green screen app and book creator. Teacher will provide an example of each to demonstrate to the class. Students will be given time to explore the apps with their groups and create examples on each program to get a good understanding of them.</p>
<p><b>What materials do I need?</b> Materials</p>	<p>Code and Go Robot Mouse, Codeapillar, Hexbugs, Magnetic Tiles, paper towel tubes, green screen app (by Do Ink), Book Creator app, green table cloth, different play items for green screen, Cubelets, Mentor texts for Book Creator.</p>
<p><b>What hardware, website, apps, robots, tangible tech or software are</b></p>	<p>Code and Go Robot Mouse, Codeapillar, Hexbugs, green screen app (by</p>

<p><b>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 changed or updated before you use your tech tools with students?</li> </ul>	<p>Do Ink), Book Creator app, Cubelets, Mentor texts for Book Creator.  <b>Differentiation:</b> The Code &amp; Go Robot Mouse will be used to challenge those students who may find the Codeapillar too simple. Mentor texts will be diverse and appropriate for the different reading levels. The third grade students will be assisting the preschoolers during the centers to accommodate their needs.</p>
<p><b>What resources will you use? (insert links to online handouts, videos, websites)</b></p>	<p>Green Screen Introduction Video  <a href="https://www.youtube.com/watch?v=QIH3h19ablI">https://www.youtube.com/watch?v=QIH3h19ablI</a></p> <p>The students will download different pictures off the internet to plug into their green screen production.</p>
<p><b>How much time do you think you'll need to introduce the students to the technology tool(s)?</b></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>	<p>The teacher will introduce the technology needed for the students to complete each tech center. After the teacher demonstrates how to use the materials the students will move to their centers and begin exploring the resources.  I anticipate the Green Screen app causing trouble for my students, because it is a little confusing at first and they will need to remember the process to use it.  I will need to introduce the term screenshot to show the students how to take a picture of a picture they need. They will also need to learn how to edit a picture for the green screen video and book creator.</p>
<p><b>How much time do you think you'll need to introduce the students to the concept you want them to learn?</b></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>The time for this lesson will be 45 minutes and the teacher will take 15 minutes to demonstrate how to use the materials and apps. The students will then use the remaining 30 minutes of class to explore the materials in their centers.</p>

<p><b>Are there any students who may need additional supports, instructions, etc.?</b></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>	<p>Some of my lower level learners will need extra teacher support and guidance during their center time. I will provide them with reminders and demonstrations to assist them with success. I will also provide mentor text that is appropriate to their reading level.</p>
<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>The preschool teacher and I will be working together with our classes to complete these tech centers. I will be assisting the Book Creator center to provide support to the third graders and preschoolers. The preschool teacher will assist the Green Screen app group to provide them with support.</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 students should be able to explain their process through each center and use technological terms to show understanding of what they learned.</p>
<p><b>Will there be a parent engagement or parent education piece?</b></p>	<p>The teacher will post onto Class Dojo videos and pictures of the centers and provide parents a look into the classroom. The teacher will also provide a prompt for the parents to communicate with their child and understand what they learned today.</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>	<p>I will document the work by having the students post their favorite activity from the day to their parents Class Dojo page. The students will write about what they loved and what challenged them from today.</p>

**Describe your play or lesson plan activity so another teacher can understand what you did:** The students will be broken up into five groups and we mixed the third graders with the preschoolers into the groups. We had the centers set up and labeled so the students knew what each center was. We also created a chart to show the students where they needed to move next. This is a great visual for both age groups and it also includes a countdown timer to keep them on task.

Tech Centers		30:00			
GROUP 1	Hexbugs	Green Screen	Cubelets	Codeapillar/ Mouse	Book Creator
GROUP 2	Book Creator	Hexbugs	Green Screen	Cubelets	Codeapillar/ Mouse
GROUP 3	Codeapillar/ Mouse	Book Creator	Hexbugs	Green Screen	Cubelets
GROUP 4	Cubelets	Codeapillar/ Mouse	Book Creator	Hexbugs	Green Screen
GROUP 5	Green Screen	Cubelets	Codeapillar/ Mouse	Book Creator	Hexbugs

This is what I will post for the students to explore in their centers. Students will

have 30 minutes.

## Erikson Institute

Technology in Early Childhood Center



This screen will pop up when there are two minutes left in their center time to clean up and be

ready for the next rotation.