

Professional Learning Module

Integrating the Standards: Intentional Use of Technology and Interactive Media in Early Learning

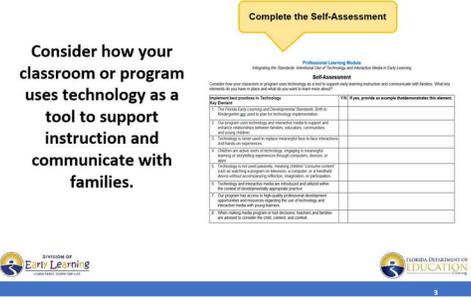
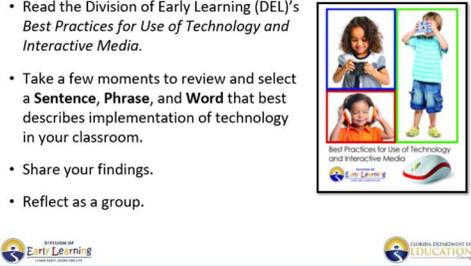
Pacing Guide

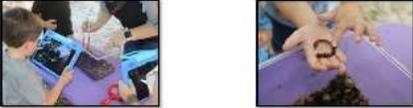
Module 1 - Teachers

Getting Started:

1. Administer Self-Assessment to all participants.
2. Review the following materials:
 - a. Division of Early Learning (DEL)'s Best Practices for Use of Technology and Interactive Media
 - b. Text Rendering Experience
 - c. PowerPoint Note Pages
 - d. Activity Plans (*Matching Emotions, What Comes Next?*)

SLIDE	KEY POINTS	ACTION
<p>1.</p> 	<p>Integrating Technology The purpose of this PowerPoint Presentation is to learn how educators can enhance classroom experiences through purposeful planning.</p>	<p>Introduce title slide.</p>

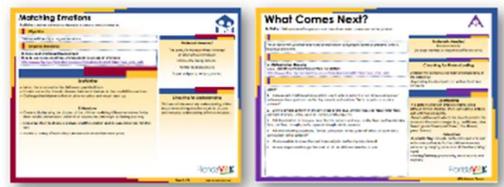
SLIDE	KEY POINTS	ACTION
<p>2.</p> <p style="text-align: center;">Agenda</p> <ul style="list-style-type: none"> • Self-Assessment • Best Practices: Activity and Video Reflection • Guiding Principles: Discussion • Florida Early Learning and Developmental Standards: Review, Reflect, Plan • Next Steps 	<p>Required Documents</p> <ol style="list-style-type: none"> 1. Self-Assessment 2. Activity Plans PDF 3. Text Rendering Experience PDF 4. DEL Best Practices PDF 5. Florida Early Learning and Developmental Standards Educator’s Guide (2017) PDF 	<p>Reference document locations.</p> <p>Print Self-Assessment.</p> <p>Facilitators Guide (#1)</p> <p>Instructional Resources (#2,#3)</p>
<p>3.</p> <p style="text-align: center;">Self-Assessment</p> <p>Consider how your classroom or program uses technology as a tool to support instruction and communicate with families.</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <p>Complete the Self-Assessment</p> </div> 		<p>Complete: Self-assessment. Review and Discuss.</p>
<p>4.</p> <p style="text-align: center;">Best Practices: Activity</p> <ul style="list-style-type: none"> • Read the Division of Early Learning (DEL)’s <i>Best Practices for Use of Technology and Interactive Media</i>. • Take a few moments to review and select a Sentence, Phrase, and Word that best describes implementation of technology in your classroom. • Share your findings. • Reflect as a group. 	<p>Content Support Document:</p> <p>DEL Best Practices document</p>	<p>Review Documents: <u>DEL Best Practices</u> document</p> <p>Group Reflection after completing activity.</p>

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<p>5.</p> <p>DEL Suggests</p>  <p>Proper use of developmentally appropriate technology and interactive media can enhance conventional methods and materials in powerful ways.</p> <p>Technology should never take the place of hands-on, multi-sensory experiences. Young children are concrete thinkers and social learners.</p> 	<p>Interaction and engagement are essential to young children’s learning experiences.</p>	<p>Guided Discussion: How do we use technology in ways that are interactive?</p>
<p>6.</p> <p>Integrating Technology and Media in the Classroom</p>  	<p>VIDEO: <i>Integrating Technology and Media in the Classroom?</i></p>	<p>Guided Discussion: Questions on slide. Content Support Documents: <u>Best Practices</u> and <u>Florida Early Learning and Developmental Standards</u>.</p> <p>As you watch the video, think about the answers to the following questions.</p> <ul style="list-style-type: none"> • What best practices do you see being implemented? • Which Domain, component, or standard/benchmarks are being demonstrated?
<p>7.</p> <p>Integrating Technology and Media in the Classroom</p>  <p>1. What best practices are being implemented?</p> <p>2. Which Florida Early Learning and Developmental Standards are being addressed?</p> 	<p>Discussion of best practices and the FELDS</p>	<p>Facilitate discussions around best practices</p>

SLIDE	KEY POINTS	ACTION
<p>8.</p> <p>Florida Early Learning and Developmental Standards</p>  <p>VII. Social Studies H. Technology and Our World</p> <p>1. Uses and shows awareness of technology and its impact on how people live (e.g., computers, tablets, mobile devices, cameras or music players)</p>  	<p>This component is found in the Florida Early Learning and Developmental Standards Social Studies domain.</p>	<p>Links for the Florida Standards and the Educator’s Guide can also be found in the resource section of the module.</p>
<p>9.</p> <p>Technology and Our World: Educators May...</p> <p>Provide technology tools (e.g., computers, small appliances), books about technology and dramatic play props representing technology</p>    	<p>Educators May...</p> <p>The Educator’s Guide provide examples of how educators may support the standards with simple suggestions.</p>	<p>Guided Discussion: How is technology incorporated in different classroom centers/areas?</p>
<p>10.</p> <p>Technology and Our World: Educators May...Cont.</p> <p>Discuss advantages and disadvantages of technology in everyday lives</p> <p>Walking vs. Riding the bus</p>  <p>Stairs vs. Elevator</p>   	<p>Educators May...</p> <p>We can talk about technology in other ways and other Domains (e.g. sun dial/clock)</p>	<p>Guided Discussion: What other lessons/books can we use with children to talk about technology use?</p>

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<p>11.</p> <p>Technology and Our World: Educators May... Cont.</p> <p>Introduce new technologies</p>  	<p>Educators May...</p> <p>Research and model when introducing new tools or websites.</p>	<p>Discuss: When introducing new media to children.</p>
<p>12.</p> <p>Integrating the Standards</p>  <p>What standard or benchmark are children demonstrating when they do the following?</p> <ul style="list-style-type: none"> • Use a mouse to move a cursor to a target on the screen • Know the difference between the left and right mouse button • Take a digital photo • Find the numerals on a keyboard • Type their first name on a keyboard 	<p>Children can demonstrate multiple standards when they are engaging with technology.</p>	<p>Links for the Florida Standards and the Educator's Guide can also be found in the resource section of the module.</p>
<p>13.</p> <p>Integrating the Standards Cont.</p> <p>How can we use technology to encourage cooperative play?</p>   	<p>These component are found in the Florida Early Learning and Developmental Standards Social and Emotional Development and Language and Vocabulary domains.</p>	<p>Discuss: How to promote vocabulary and peer interaction through technology.</p>

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<p>14.</p> <p>Integrating the Standards</p> <p>Using the <i>Florida Early Learning and Developmental Standards Educators Guide</i>, find and share a MATHEMATICAL THINKING or SCIENTIFIC INQUIRY standard you can enhance with technology.</p> 	<p>Technology should enhance the experience, not be the experience.</p>	<p>Discuss: How to enhance a current math or science lesson with technology.</p>
<p>15.</p> <p>Integrating the Standards</p> <p>Scavenger Hunt Sensory Art</p>  <p>Field Trip Music</p>	<p>Remember technology should never take the place of hands-on, multi-sensory learning, but we can use it to <i>extend</i> activities.</p>	<p>Review: Social Studies and Creative Expression Standards and identify one that can be enhanced through a virtual experience (example websites on Trainer notes).</p>
<p>16.</p> <p>Passive vs. Active Use</p> 	<p>Interactive media includes participation, reflection, and meaningful engagement, not just watching, clicking or swiping.</p>	<p>Discuss: How do we currently engage with children, or have them engage with one another, when we put on a video or set up a computer program?</p>

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<p>17.</p> <p>Ideas for Integrating Technology</p> <ul style="list-style-type: none"> Combine digital and non-digital storytelling Pair “tech” and “non-tech” examples in lessons Allow children to take photos with a tablet, phone or digital camera, and create their own book/image/display Go on a virtual field trip to a museum or zoo: <ul style="list-style-type: none"> Set up different screens around your room or center to “visit” each exhibit Science or Sensory Center: Take apart old tech tools (e.g. broken cameras, robotics, tapes)  	<p>Ideas for integrating technology.</p>	<p>Discuss: How these examples can be incorporated into an upcoming lesson or classroom center.</p>
<p>18.</p> <p>Purposeful Planning</p>  	<p>Instructional Resources</p> <p>Activity Plans:</p> <ul style="list-style-type: none"> • Matching Emotions • What Comes Next? 	<p>Review Instructional Resources</p> <p>Discuss: How these activity plans can be adapted to purposefully integrate technology and media use in the classroom?</p>
<p>19.</p> <p>Purposeful Planning</p>  	<p>Purposeful Planning</p>	<p>Watch and reflect on video content</p> <p>Tech Teacher Planning Final - YouTube (youtube-nocookie.com)</p>

SLIDE	KEY POINTS	ACTION
<p>20.</p> <p style="text-align: center;">Next Steps</p> <ol style="list-style-type: none"> 1. Review the Support Documents and Instructional Resources in the module. 2. Find a teacher/partner, director or coach to support you as purposefully plan for integrating technology in the classroom. 3. Explore additional Modules in the Director Toolkit: <ul style="list-style-type: none"> • Module 2 - Families • Integrating Learning Throughout the Preschool Day  <p style="text-align: center;">   </p>	<p>Content Resources DEL's Best Practices document</p>	<p>Reflect: Using the Self-Assessment, determine next steps for implementing technology in the classroom. Explore the websites listed on this slide, and the resources referenced in the document.</p>