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**Grade level:** Kindergarten  
**Course Title:** Computers  
**Topic/Concept:** Kid Pix (Paint a Picture)  
**Time Allotment:** 6 class sessions  
**Unit Sequence:** 4

### Major Concepts to be learned:

1. How to open an Application from a shortcut (double click shortcut)  
2. Understand how each tool in Kid Pix works  
3. Use all the tools in Kid Pix together to create a piece of computerized artwork  
4. Compare the tools of Kid Pix and Paint how they are similar and different

### Expected Skills to be demonstrated:

1. Opening the application  
2. Understanding how each tool works and can be utilized in a picture  
3. Creating a picture that tells a story utilizing multiple tools  
4. Independantly navigate through the menus to print project

### PA Standards/Anchors:

- PA Standard 3.6.1 A
- PA Standard 3.7.1 D
- ISTE Standard 1b
- ISTE Standard 6a & 6d

### Eligible Content:

- Work with the computer by using basic computer software  
- Use educational software to manipulate the keyboard or mouse  
- Demonstrate the ability to communicate an idea through the use of a computer  
- Use technology to create original works as a means of expression  
- Transfer current knowledge to the learning of new applications

### Instructional Strategies:

- Teacher Demonstration on the Smartboard  
- Student Interaction Using Smartboard  
- Teacher Discussion  
- Independent Student Practice on Computers

### Assessments:

- Computer Based Project (rubric)  
- Teacher Observation

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Grade level: Kindergarten  
Course Title: Computers  
Topic/Concept: Background Selection/Stamps

Time Allotment: 2 sessions  
Unit Sequence: 5

Major Concepts to be learned:
1. How to Navigate through multiple folders to access background
2. Edit backgrounds using the stamp tool appropriately
3. Navigate through stamp options to locate appropriate stamps

Expected Skills to be demonstrated:
1. Locate and select a background
2. Independently locate various stamps to illustrate the background in an appropriate manner
3. Independently print the final product

<table>
<thead>
<tr>
<th>PA Standards/Anchors:</th>
<th>Eligible Content:</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA Standard 3.6.1 A</td>
<td>• Demonstrate the ability to communicate an idea through the use of a computer</td>
</tr>
<tr>
<td>PA Standard 3.7.1 D</td>
<td>• Use technology to create original works as a means of expression</td>
</tr>
<tr>
<td>ISTE Standard 1b</td>
<td>• Understand and use technology systems</td>
</tr>
<tr>
<td>ISTE Standard 6a</td>
<td></td>
</tr>
</tbody>
</table>

Instructional Strategies:  
Teacher Demonstration on the Smartboard  
Independent Student Practice on Computers

Assessments:  
• Teacher Observation

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Grade level: Kindergarten  
Course Title: Computers  
Topic/Concept: Computer Art with Movement  

Time Allotment: 3 class sessions  
Unit Sequence: 8

Major Concepts to be learned:
1. How to add movement to computerized art in an appropriate manner
2. Incorporating appropriate sound and backgrounds into an illustration to enhance the quality of illustrations

Expected Skills to be demonstrated:
1. Ability to add sound and background to a picture
2. Ability to use the tools appropriately on the backgrounds
3. Ability tool and how it is different to the Paint a Picture section of Kid Pix

PA Standards/Anchors:  
PA Standard 3.6.1 A  
PA Standard 3.7.1 D  
ISTE Standard 1b  
ISTE Standard 6a & 6b

Eligible Content:
• Transfer current knowledge to the learning of new applications
• Work with the computer by using basic computer software
• Use educational software to manipulate the keyboard or mouse

Instructional Strategies:
Teacher Demonstration on the Smartboard  
Student Interaction Using Smartboard  
Teacher Discussion  
Independent Student Practice on Computers

Assessments:
• Computer Based Project  
• Teacher Observation
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<table>
<thead>
<tr>
<th>Grade level: Kindergarten</th>
<th>Course Title: Computers</th>
<th>Topic/Concept: Keyboard Practice</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time Allotment: 1 session</td>
<td></td>
<td>Unit Sequence: 9</td>
</tr>
</tbody>
</table>

### Major Concepts to be learned:

1. The students will locate the letter keys on the keyboard using an internet application

### Expected Skills to be demonstrated:

1. Where each letter key can be found on the standard keyboard

### PA Standards/Anchors:

<table>
<thead>
<tr>
<th>PA Standard 3.7.1 D</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA Standard 1.2.1 B</td>
</tr>
<tr>
<td>PA Standard 3.7.1 E</td>
</tr>
<tr>
<td>ISTE Standard 5a</td>
</tr>
</tbody>
</table>

### Eligible Content:

- Understand and use technology systems
- Transfer current knowledge to the learning of new applications

### Instructional Strategies:

<table>
<thead>
<tr>
<th>Teacher Demonstration on the Smartboard</th>
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<tbody>
<tr>
<td>Independant Student Practice on Computers</td>
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</table>

### Assessments:

- Teacher Observation
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