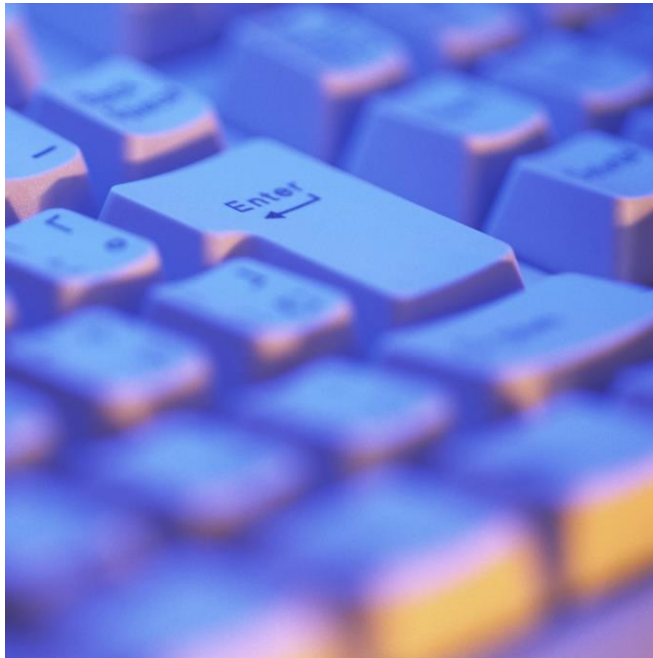


Plainfield Public Schools
Educational Services

Curriculum Pacing Guide



Technology
Kindergarten

2016-2017

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The Board of Education for Plainfield Public Schools



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Kindergarten CURRICULUM PACING OVERVIEW

This document provides a pacing guide for instruction involving Kindergarten students. It includes the content addressed in the Kindergarten New Jersey Core Curriculum Content Standards (NJCCCS). It is designed to help teachers in pacing instruction of what students are expected to know and be able to use in technology for the entire year.

Purpose of the Kindergarten Technology Curriculum Pacing Guide

The Kindergarten **Technology Curriculum Pacing Guide** was formulated for the purpose of providing kindergarten teachers with a guide for pacing instruction throughout the year. It will serve as a “road map” to help teachers develop Kindergarten concepts and processes through instruction and practice. The Division of Educational Services responded to the request of administrators and teachers in the District to create a guide that would serve as a resource for teachers.

Description of the Kindergarten Technology Curriculum Pacing Guide

The kindergarten Technology Curriculum Pacing Guide specifies the New Jersey Core Curriculum Content Standards (NJCCCS) Cumulative Progress Indicators (CPIs), Objectives, and Standards/Strands taught during each instructional quarter.

- Column One: Standard/Strands
Identifies the Standard and Strands as required by the NJCCCS.
- Column Two: Objectives
Identifies the specific, measurable objectives to be addressed in lessons.
- Column Three: CPIs

Contains the NJCCCS CPIs for Grade Kindergarten.

Suggestions for Implementing the Kindergarten Technology Curriculum Pacing Guide

The role of the teacher is to:

- teach the NJCCCS content matter;
- provide classroom activities that address the NJCCCS;
- enhance curriculum by using textbooks, manipulatives, technology, and other instructional materials;
- use varying methods of instruction to address diverse learning styles; and
- administer teacher-made assessments

In addition to using the **Kindergarten Technology Curriculum Pacing Guide**, teachers should:

- consider intra-school collaborative planning and spiraling of the curriculum to ensure efficient and effective pacing and delivery of instruction;
- adjust pacing and discuss progress with peers;
- document questions and suggested improvement of the guide for further support and future revisions; and
- align and connect mathematics literature to support reading.

GRADE Kindergarten Technology CURRICULUM PACING GUIDE

Grade Kindergarten: First Quarter

Standard/Strands	Objectives	Strand Letter/CPI
<p>8.1 (COMPUTER AND INFORMATION LITERACY) ALL STUDENTS WILL USE COMPUTER APPLICATIONS TO GATHER AND ORGANIZE INFORMATION AND TO SOLVE PROBLEMS.</p> <p style="text-align: center;">Strand(s)</p> <p>A. Basic Computer Skills and Tools B. Application and Productivity Tools</p>	<p>The kindergarten student will be able to:</p> <ul style="list-style-type: none"> • use basic computer vocabulary • operate a mouse • open a program from an icon • demonstrate proper sequence for turning on and turning off computers and other peripherals • identify the computer as a machine that helps people work and play • explain acceptable use of the computer 	<p>8.1.4.A.1 Use basic technology vocabulary.</p> <p>8.1.4.A.2 Use basic features of an operating system (e.g., accessing programs, identifying and selecting a printer, finding help).</p> <p>8.1.4.A.9 Use basic computer icons.</p> <p>8.1.4.B.1 Discuss the common uses of computer applications and identify their advantages and disadvantages.</p> <p>8.1.4.B.2 Recognize and practice responsible social and ethical behaviors when using technology, and understand the consequences of inappropriate use.</p>
<p>8.2 (TECHNOLOGY EDUCATION) ALL STUDENTS WILL DEVELOP AN UNDERSTANDING OF THE NATURE AND IMPACT OF TECHNOLOGY, ENGINEERING, TECHNOLOGICAL DESIGN, AND THE DESIGNED WORLD AS THEY RELATE TO THE INDIVIDUAL, SOCIETY, AND THE ENVIRONMENT.</p> <p style="text-align: center;">Strand(s)</p> <p>A. Nature and Impact of Technology B. Design Process and Impact Assessment C. Systems in the Designed World</p>	<p>The kindergarten student will be able to: N/A</p>	

GRADE Kindergarten Technology CURRICULUM PACING GUIDE

Grade Kindergarten: Second Quarter

Standard/Strands	Objectives	Strand Letter/CPI
<p>8.1 (COMPUTER AND INFORMATION LITERACY) ALL STUDENTS WILL USE COMPUTER APPLICATIONS TO GATHER AND ORGANIZE INFORMATION AND TO SOLVE PROBLEMS.</p> <p style="text-align: center;">Strand(s)</p> <p>A. Basic Computer Skills and Tools B. Application and Productivity Tools</p>	<p>The kindergarten student will be able to:</p> <ul style="list-style-type: none"> • list the rules for proper care of computer equipment • exit a program properly • operate scroll bars • use appropriate hand pressure on mouse and keyboard • explain acceptable use of the computer 	<p>8.1.4.A.1 Use basic technology vocabulary. 8.1.4.A.2 Use basic features of an operating system (e.g., accessing programs, identifying and selecting a printer, finding help). 8.1.4.A.9 Use basic computer icons. 8.1.4.B.1 Discuss the common uses of computer applications and identify their advantages and disadvantages. 8.1.4.B.2 Recognize and practice responsible social and ethical behaviors when using technology, and understand the consequences of inappropriate use.</p>
<p>8.2 (TECHNOLOGY EDUCATION) ALL STUDENTS WILL DEVELOP AN UNDERSTANDING OF THE NATURE AND IMPACT OF TECHNOLOGY, ENGINEERING, TECHNOLOGICAL DESIGN, AND THE DESIGNED WORLD AS THEY RELATE TO THE INDIVIDUAL, SOCIETY, AND THE ENVIRONMENT.</p> <p style="text-align: center;">Strand(s)</p> <p>A. Nature and Impact of Technology B. Design Process and Impact Assessment C. Systems in the Designed World</p>	<p>The kindergarten student will be able to: N/A</p>	

GRADE Kindergarten Technology CURRICULUM PACING GUIDE

Grade Kindergarten: Third Quarter

Standard/Strands	Objectives	Strand Letter/CPI
<p>8.1 (COMPUTER AND INFORMATION LITERACY) ALL STUDENTS WILL USE COMPUTER APPLICATIONS TO GATHER AND ORGANIZE INFORMATION AND TO SOLVE PROBLEMS.</p> <p style="text-align: center;">Strand(s)</p> <p>A. Basic Computer Skills and Tools B. Application and Productivity Tools</p>	<p>The kindergarten student will be able to:</p> <ul style="list-style-type: none"> • minimize and maximize windows • print, save and open document/files with teacher guidance • identify the different functions of a keyboard (enter, space bar, control, alt, delete) • explain acceptable use of the computer 	<p>8.1.4.A.1 Use basic technology vocabulary. 8.1.4.A.2 Use basic features of an operating system (e.g., accessing programs, identifying and selecting a printer, finding help). 8.1.4.A.9 Use basic computer icons. 8.1.4.B.1 Discuss the common uses of computer applications and identify their advantages and disadvantages. 8.1.4.B.2 Recognize and practice responsible social and ethical behaviors when using technology, and understand the consequences of inappropriate use.</p>
<p>8.2 (TECHNOLOGY EDUCATION) ALL STUDENTS WILL DEVELOP AN UNDERSTANDING OF THE NATURE AND IMPACT OF TECHNOLOGY, ENGINEERING, TECHNOLOGICAL DESIGN, AND THE DESIGNED WORLD AS THEY RELATE TO THE INDIVIDUAL, SOCIETY, AND THE ENVIRONMENT.</p> <p style="text-align: center;">Strand(s)</p> <p>A. Nature and Impact of Technology B. Design Process and Impact Assessment C. Systems in the Designed World</p>	<p>The kindergarten student will be able to:</p> <ul style="list-style-type: none"> • use simple tools to complete tasks 	<p>8.2.4 Refer to Science Standards 5.2 and 5.4</p> <p>5.4.2.B.1 Select and use simple tools and materials to complete a task.</p>

GRADE Kindergarten Technology CURRICULUM PACING GUIDE

Grade Kindergarten: Fourth Quarter

Standard/Strands	Objectives	Strand Letter/CPI
<p>8.1 (COMPUTER AND INFORMATION LITERACY) ALL STUDENTS WILL USE COMPUTER APPLICATIONS TO GATHER AND ORGANIZE INFORMATION AND TO SOLVE PROBLEMS.</p> <p style="text-align: center;">Strand(s)</p> <p>A. Basic Computer Skills and Tools B. Application and Productivity Tools</p>	<p>The kindergarten student will be able to:</p> <ul style="list-style-type: none"> • identify and use input devices such as floppy disk drive, mouse, keyboard, cd/dvd drive, scanner, and microphone • identify and use output devices such as floppy disk drive, monitor, printer, cd/dvd drive, headphones, and speakers • explain acceptable use of the computer 	<p>8.1.4.A.1 Use basic technology vocabulary. 8.1.4.A.2 Use basic features of an operating system (e.g., accessing programs, identifying and selecting a printer, finding help). 8.1.4.A.3 Input and access text and data using appropriate keyboarding techniques or other input devices 8.1.4.A.9 Use basic computer icons. 8.1.4.B.1 Discuss the common uses of computer applications and identify their advantages and disadvantages. 8.1.4.B.2 Recognize and practice responsible social and ethical behaviors when using technology, and understand the consequences of inappropriate use.</p>
<p>8.2 (TECHNOLOGY EDUCATION) ALL STUDENTS WILL DEVELOP AN UNDERSTANDING OF THE NATURE AND IMPACT OF TECHNOLOGY, ENGINEERING, TECHNOLOGICAL DESIGN, AND THE DESIGNED WORLD AS THEY RELATE TO THE INDIVIDUAL, SOCIETY, AND THE ENVIRONMENT.</p> <p style="text-align: center;">Strand(s)</p> <p>A. Nature and Impact of Technology B. Design Process and Impact Assessment C. Systems in the Designed World</p>	<p>The kindergarten student will be able to:</p> <ul style="list-style-type: none"> • use simple tools to complete tasks 	<p>8.2.4 Refer to Science Standards 5.2 and 5.4</p> <p>5.4.2.B.1 Select and use simple tools and materials to complete a task.</p>