

**TOWNSHIP OF FRANKLIN PUBLIC SCHOOLS
COMPUTER LITERACY CURRICULUM
GRADE K**

SKILL AREA	STUDENT OBJECTIVE	EXAMPLE/ACTIVITIES	RESOURCE/MATERIALS	ASSESSMENT	NJ CORE CURRICULUM STANDARD	WORKPLACE READINESS STANDARD
<u>COMPUTER LITERACY</u>	<p>Students will be introduced to the concept of:</p> <ul style="list-style-type: none"> • the five computer components as follows: <ol style="list-style-type: none"> 1) CPU 2) Monitor 3) Keyboard 4) Mouse 5) Printer 	<ul style="list-style-type: none"> • Teacher demonstration and class discussion of the five computer components as follows: <ol style="list-style-type: none"> 1) <u>CPU</u> (Central Processing Unit) - the hardware used in the computation of data, the "brain" of the computer. The CPU reads messages you send it (input) and tells the other parts of the computer what to do. 2) <u>Monitor</u> - provides visual display of information, the "TV" sitting on the base. 3) <u>Keyboard</u> - similar to a typewriter, it contains letters, numbers, and function keys. 4) <u>Mouse</u> - shaped like a bar of soap with a marble under it. It is used to make selections on the screen and send messages to the computer. 5) <u>Printer</u> - produces a hard copy of the information on the screen. 	<ul style="list-style-type: none"> • Computer • Teacher-made Worksheets • "Computers" by Kate Petty (001.64 PET) • Video - "Micro-Computers: or the Computer and the Crook" (VT-2-5322) 	<ul style="list-style-type: none"> • Oral Quiz • Teacher Observation 		<p>8.4-A1 8.6-A1</p>

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COMPUTER LITERACY (continued)	<p>Students will be introduced to the concept of:</p> <ul style="list-style-type: none"> ● basic computer terminology as follows: <ol style="list-style-type: none"> 1) Input 2) Output 	<ul style="list-style-type: none"> • Students will read and discuss "Computers" by Kate Petty. They will draw a picture of one of the computer components and be able to identify the CPU, Monitor, Keyboard, Mouse, and Printer on the classroom computer or on the computers in the Computer Lab. • Teacher demonstration and class discussion of basic computer terminology. <ol style="list-style-type: none"> 1) <u>Input</u> - information typed on the keyboard or information selected by using the mouse. 2) <u>Output</u> - what occurs as a result of the input. • Students will fold a 12" x 18" piece of drawing paper. On one half they will illustrate a person inputting information into the computer and on the other half they will illustrate a situation showing output. 	<ul style="list-style-type: none"> • Computer 	<ul style="list-style-type: none"> • Oral Quiz • Teacher Observation 		8.4-A1 8.6-A1

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<u>KEY-BOARDING</u>	<p>Students will be able to:</p> <ul style="list-style-type: none"> ● use a typewriter, keyboarding device, or computer. ● locate and use the letter keys, shift key, space bar, and enter key. 	<ul style="list-style-type: none"> • Using paper keyboards, students will color the keys that match the letters in their name. Following teacher directions, students will locate and color the shift key, enter key, and space bar. • Students will type in their first name, space, and first initial of their last name in CAI programs, such as Kid Keys and Compass. 	<ul style="list-style-type: none"> • Computer • Keyboarding Devices • Teacher-made Worksheets 	<ul style="list-style-type: none"> • Oral Quiz • Teacher Observation 		<p>8.4-A1 8.6-A1</p>
<u>SUBJECT AREA INTEGRATION</u>	<ul style="list-style-type: none"> ● utilize appropriate computer software to reinforce skills and concepts in Reading/Language Arts, Mathematics, Social Studies, Science, Health and other content areas. 	<ul style="list-style-type: none"> • Class Discussion • Teacher Demonstration • Student Assignment 	<ul style="list-style-type: none"> • Computer • Teacher-made Worksheets • CAI programs, such as Compass • Curriculum related sites, such as <i>mhschool.com</i> 	<ul style="list-style-type: none"> • Oral Quiz • Teacher Observation 		<p>8.4-A1 8.6-A1</p>

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<u>CAREER AWARENESS</u>	Students will be introduced to: <ul style="list-style-type: none"> • occupations that utilize computer technology. 	<ul style="list-style-type: none"> • Class Discussion • Visitation from community members involved in computer related occupations. • Students will draw and tell about their picture of a person involved in a computer related job. 	<ul style="list-style-type: none"> • Computer • Teacher-made Worksheets • “Computers All Around Us” by Jim Drake • Video - “Learning About Computers” (VT-1-12835) 	<ul style="list-style-type: none"> • Oral Quiz • Teacher Observation 		8.6-A1