

**TOWNSHIP OF FRANKLIN PUBLIC SCHOOLS
COMPUTER LITERACY CURRICULUM
GRADE 4**

| SKILL AREA | STUDENT OBJECTIVE | EXAMPLE/ACTIVITIES | RESOURCE/MATERIALS | ASSESSMENT | NJ CORE CURRICULUM STANDARD | WORKPLACE READINESS STANDARD |
|---------------------------------|--|---|---|---|-----------------------------|--|
| <u>COMPUTER LITERACY</u> | <p>Students will be able to:</p> <ul style="list-style-type: none"> ● identify CPU, floppy disk, disk drive, keyboard, mouse, monitor, CD, CD-ROM, printer, scanner, hardware, software, and various computer terminologies. ● demonstrate respect and care for computer hardware and software. ● understand basic operations of a computer system (Input, Memory, Output). | <ul style="list-style-type: none"> • Teacher demonstration to review computer components and skills learned in Kindergarten, Grades 1-3. • Students will be able to use a worksheet to identify parts listed. • Class discussion on proper use of equipment and consequences for inappropriate behaviors/actions. • Teacher Demonstration • Class Discussion | <ul style="list-style-type: none"> • Computer • Software • Teacher-made Worksheets • Computer • Software • Teacher-made Worksheets • Computer • Software • Teacher-made Worksheets | <ul style="list-style-type: none"> • Oral Quiz • Written Quiz/Test • Teacher Observation • Oral Quiz • Teacher Observation • Oral Quiz • Teacher Observation | | <p>8.4-A1 8.6-A1</p> <p>8.4-A1 8.6-A1</p> <p>8.4-A1 8.6-A1</p> |

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| <p><u>SUBJECT AREA INTEGRATION</u> (Educational Applications) (continued)</p> <p><u>CAREER AWARENESS</u></p> | <p>Students will be able to:</p> <ul style="list-style-type: none"> ● identify various parts of a spreadsheet screen: <ol style="list-style-type: none"> 1) Cell 2) Column 3) Row ● use a spreadsheet template to enter and edit data. ● create and interpret a simple graph and/or chart using the spreadsheet template. ● identify occupations which utilize computer technology. | <ul style="list-style-type: none"> • Teacher Demonstration • Class Discussion • Using teacher created template, students will follow directions to enter and edit data. • Class Discussion | <ul style="list-style-type: none"> • Computer • Software • Computer • Software • Teacher Created Template • Computer • Software • Teacher-made Worksheets • Current Technology Literature | <ul style="list-style-type: none"> • Oral Quiz • Teacher Observation • Oral Quiz • Teacher Observation • Oral Quiz • Teacher Observation | | <p>8.4-A1, 4 8.6-A1</p> <p>8.4-A1, 4 8.6-A1</p> <p>8.6-A1</p> |

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| <u>RESEARCH</u> | Students will be able to: <ul style="list-style-type: none"> • identify and use simple web browsers, search engines, and directories to obtain information. | <ul style="list-style-type: none"> • Teacher Demonstration • Class Discussion • Student Keyboarding Activity • Classroom Practice Activity | <ul style="list-style-type: none"> • Computer • Software • Internet • Teacher-made Worksheets | <ul style="list-style-type: none"> • Oral Quiz • Teacher Observation • Project/Test | 3.2-A6 | 8.4-C1 |
| | <ul style="list-style-type: none"> • evaluate web sites for accuracy and/or bias of information. | <ul style="list-style-type: none"> • Teacher Demonstration • Class Discussion • Student Research Activity | <ul style="list-style-type: none"> • Computer • Software • Internet • Teacher-made Worksheets | <ul style="list-style-type: none"> • Teacher Observation | 3.2-A6 | 8.4-C2 |
| | <ul style="list-style-type: none"> • create, edit, and import graphics into their documents. | <ul style="list-style-type: none"> • Teacher Demonstration • Class Discussion • Student Research Activity | <ul style="list-style-type: none"> • Computer • Software • Internet • Teacher-made Worksheets | <ul style="list-style-type: none"> • Teacher Observation | | 8.4-A1, 2 8.4-D2 |
| <u>GRAPHICS MANIPULATION</u> | | | | | | |

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| GRAPHICS MANIPULATION (continued) | Students will be able to: <ul style="list-style-type: none"> • discuss some common uses of computer applications and note their advantages/disadvantages. | <ul style="list-style-type: none"> • Teacher Demonstration • Class Discussion | <ul style="list-style-type: none"> • Computer • Software • Teacher-made Worksheets | <ul style="list-style-type: none"> • Oral Quiz • Teacher Observation • Projects | | 8.4-B1 |
| SOCIAL ASPECTS | <ul style="list-style-type: none"> • identify and practice responsible social and ethical behaviors in regards to technology and information. • understand the consequences of inappropriate use of technology and information. | <ul style="list-style-type: none"> • Teacher Demonstration • Class Discussion | <ul style="list-style-type: none"> • Computer • Software • Teacher-made Worksheets | <ul style="list-style-type: none"> • Oral Quiz • Teacher Observation | | 8.4-B2 |
| | | <ul style="list-style-type: none"> • Teacher Demonstration • Class Discussion | <ul style="list-style-type: none"> • Computer • Software • Teacher-made Worksheets | <ul style="list-style-type: none"> • Oral Quiz • Teacher Observation | | 8.4-B2 |

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| <u>PROBLEM SOLVING</u> | <p>Students will be able to:</p> <ul style="list-style-type: none"> ● demonstrate the ability to produce and present products created with computer applications. ● use computer applications to solve problems ● identify computer resources that can help solve problems. | <ul style="list-style-type: none"> • Teacher Demonstration • Class Discussion • Using itemized list, students will create and print a finished document, such as a sort poem or story, with correct font, alignment, size and color, along with appropriate graphic. • Using slide presentation software, students will be able to present a visual report on a specific topic. • Class Discussion | <ul style="list-style-type: none"> • Software • Teacher-made Worksheets • Software • Teacher-made Worksheets • Research • Software • Teacher-made Worksheets • Research | <ul style="list-style-type: none"> • Teacher Observation • Projects • Teacher Observation • Projects • Teacher Observation | <p>3.2A, 6</p> | <p>8.4-A1, 2 8.4-D1</p> <p>8.3-A3 8.4-D1</p> <p>8.3-A3 8.4-D1</p> |