



Jefferson Township Public Schools Instructional Technology Department

Curriculum

K-2 Technology Literacy
3-5 Technology Literacy
Computer Applications Gr. 6



Jefferson Township Public Schools Instructional Technology Department

Timeline

- Spring 2015
 - Reviewed the New Technology Standards
 - Creation of K-5 Skill and Activity Chart
- Summer 2015
 - Revision of Curricula
- Fall 2015
 - Implementation
 - Curriculum Councils
 - Creation of Rubrics
 - Research of Resources



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Curricular Improvements

- Implementation of the new Standards
 - NJ Core Curriculum Content Standards 8.1 & 8.2

TECH K-2	TECH 3-5	COMP APP 6
8.1.2.A.1, A.2, A.3, A.4	8.1.5.A.1, A.2, A.4	8.1.8.A.1, A.2, A.3, A.4
8.1.2.B.1	8.1.5.B.1	8.1.8.B.1
8.1.2.C.1	8.1.5.C.1	
8.1.2.D.1	8.1.5.D.1, D.3, D.4	8.1.8.D.1
8.1.2.E.1		8.1.8.E.1
	8.1.5.F.1	
8.2.2.E.1, E.2, E.5	8.2.5.E.1, E.2, E.3, E.4	8.2.8.E.1, E.2, E.3, E.4



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Curricular Improvements

- Career Ready Practices

TECH K-2, TECH 3-5, COMP APP 6
CRP 2
CRP 11

- NJ Core Curriculum Content Standard 9.1 in only

COMP APP 6
9.2.8.B.7



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Units of Study K-2

Unit	Activity
1. Technology Operations & Concepts	1. "All About Me" Sentences
2. Creativity & Innovation	2. Digital Alphabet Book Wordle Create a Digital Character
3. Communication & Collaboration	3. Pen Pal Virtual Tour/Field Trip
4. Digital Citizenship	4. Search for Pictures & Site Author
5. Research & Information Fluency	5. Research on a Topic
6. Computational Thinking: Programming	6. Hour of Code



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Units of Study 3-5

Unit	Activity
1. Technology Operations & Concepts	1. Wordle Create Brochure Conduct & Graph "Favorites" Survey "Character Trait of the Month" Essays
2. Creativity & Innovation	2. Digital Story on an Issue for Children
3. Communication & Collaboration	3. Family Tradition Slideshow Blogging
4. Digital Citizenship	4. Cyber Safety Digital Book to teach younger students
5. Critical Thinking, Problem Solving, & Decision Making	5. Survey Research Issue
6. Computational Thinking: Programming	6. Hour of Code



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Units of Study CA 6

Unit	Activity
1. Introduction to File Management in a Network Environment	1. Create Files & Folders
2. Word Processing Applications	2. App Review
3. Spreadsheets	3. M&M Activity
4. Presentation Applications	4. Olympic Games Presentation
5. Introduction to Computer Logic & Programming	5. Hour of Code Build a Character



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Materials

- Microsoft Products – Excel, Word, PowerPoint
- Google Apps for Education
- Brainpop
- Pages
- Story Jumper
- GoAnimate
- Glogster
- Typing Instructor
- Study Island
- Learning A-Z
- TrueFlix
- Websites
 - <https://hourofcode.com/us>
 - www.wordle.net/create
 - <http://www.grstuff.com>

*No materials were needed to be purchased with the update to the curriculums. In district and free resources are being utilized to integrate technology into the classrooms.



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Implementation

- Technology Curriculum Council
 - Create Rubrics
 - Expand on the Activity Chart
 - Research Lessons
- Professional Development
 - Technology Folder
 - Binder
 - Instructional Sheets
 - Ideas
 - Tech Forums during the 15-16 School Year
 - Professional Development Sessions
 - Tech Tips on Website