

## Technology in Education – Foundational Skills – Apple iPad

### 60 Inservice Points

### Component No. 3-007-014

#### General Objectives

1. To develop computer literacy
2. To operate and maintain an iPad
3. To manage learning, students, data, and task through an iPad
4. To learn about Apple applications
5. Disseminate information necessary for seamless iPad integration

#### Specific Objectives

1. **General iPad** – “Teachers will learn to transform the iPad into a book, a camera, an assistant, a sketchpad, and more!” Teachers will be familiarized with the following terms, interfaces, and applications on the iPad: Home screen, Control Center, Camera, Siri, Safari, Multitasking, Notes, Books, Accessibility, Maps, and sharing.
2. **Pages for iPad** – Teachers will “create reports, newsletters, posters, books, and more with beautiful templates, customized fonts, images, movies, audio, shapes, and drawing.” Teachers will learn the following tools and skills for the Pages app on iPad: Template Chooser, Saving Files, editing Text, inserting and editing photos, inserting tables, audio, drawing, shapes, and tables, accessing emojis, book creation, and collaboration.
3. **Numbers for iPad** – Teachers will “organize and explain data through colorful charts, summary tables, photos, and even with beautiful spreadsheets.” Teachers will learn the following tools and skills for the Numbers app on iPad: Template Chooser, Saving Files, editing Text, inserting and editing photos, inserting tables, audio, drawing, shapes, and tables, accessing emojis, book creation, and collaboration.
4. **Keynote for iPad** – Teachers will “bring stories to life with photos, illustrate concepts with shapes and drawings, and animate processes with Magic Move.” Teachers will learn to create new presentations and insert and animate content including: photos, shapes, drawing, tables, and charts. Teachers will also learn to use Keynote to present and record presentations.
5. **Garage Band** – Teachers will “play instruments and add your voice, loops, or sound effects to songs, recorded poems, soundtracks and more.: Teachers will learn to create a project, record audio using a microphone or other external devices, use Apple Loops, Sampler, Drummer, Touch instruments, live Loop and Mixing, and will fine-tune and edit a project before sharing.

6. **iMovie** – Teachers will “create and share movies that include titles, music, and effects – all with vides and phot taken on the iPad.” Teachers will learn to create and edit a movie including inserting transitions, trimming clip, inserting photos, generating titles, utilizing overlays, adding addition audio, using effects and sharing. Teachers will also learn to create a trailer using the trailers feature on iMovie.
7. **Productivity** – Teachers will be introduced to the tools Contacts, Mail, Markup, Smart Annotations, Collaborate, Present Remotely. Teachers will learn the ins and outs of Guide Learning on the iPad using the School Work and Classroom Apps.
8. **Creativity** – Teachers will learn to use multiple apps in conjunction to enhance student learning experiences. Skills reviewed include: Gather, Record, Brainstorm, Design, Storyboard, Guide, Publish.

### Activities

1. This course will rely on a “flipped” classroom that offers a one-on-one learning experience.
2. Each educator will create a login for the courses as offered through the Apple Teacher Learning Center.
3. Teachers will be supported with monthly workshops that will focus on specific Apps/Skills providing opportunity to share skills they’ve learned, ask questions for clarification, and brainstorm ways they could implement skills learned.

### Evaluation

1. Participants will take online quizzes to earn their technical certificate.
2. Participants should participate in lesson discussions, and demonstrate skills gained by modeling a mini-lesson for the class.
3. Each participant will be given a Technology Integration Plan sheet to help gather ideas for implementing technology in their classroom.
4. Participants will complete a “Technology in Education – Foundational Skills – Apple iPad” evaluation form to help us assess the effectiveness of the course and guide future instruction.

Academy at the Lakes

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