

iPads in the Classroom Course Syllabus (PEDT 9008)

COURSE DESCRIPTION

Whether you've received a set of Apple iPads to use in your classroom or you're curious about the benefits of an iPad curriculum, there are many valuable resources to guide you. In this course, discover and explore how to transform your current teaching methodologies and classroom's curriculum with one of education's most popular technology tools.

To begin, you will learn the basics of using iPads, from opening the box to those nifty hand gestures to conserving battery life and keeping in touch with those you contact most. You'll also learn several ways to foster collaboration and build community by sharing information, documents, and more via e-mail, instant message, bluetooth (Apple device-to-Apple device AirDrop), social media, or by printing out hard copies.

Next, delve into a plethora of resources that demonstrate how iPads can streamline management in the classroom, as well as enhance student learning and engagement in English language arts, mathematics, science, and social studies. You will observe lessons in action, discover teacher-approved apps, and receive helpful tips and tricks to boost learning centers and student collaboration. Additionally, you can explore how the iPad can aid in differentiation to meet the needs of all learners, in particular students with special needs, English language learners, and students in GATE.

Finally, explore a 1:1 iPad classroom. What is it like to be able to place this 21st century learning tool in every student's hand? Gain insight into how your role as a teacher and the roles of your students evolve toward student-directed learning goals and customized learning experiences.

COURSE OBJECTIVES

I can...	<u>ISTE Teacher Standards</u>
Evaluate the value and effectiveness of implementing an iPad program in my classroom, based on my knowledge of an iPad's technology and the needs of my students.	Standards: 5b, 5c, 5d
Demonstrate fluency of current technology systems and facilitate effective use in my classroom.	Standards: 3a, 3d
Adapt a classroom structure based on access to technology, the needs of students, and details of the curriculum, to facilitate collaboration using iPads.	Standards: 1a, 2a, 2b, 2c, 3b, 3c, 3d

Develop assessments and evaluations based on the Common Core standards and the parameters of my department and school by incorporating iPad apps into my assessment process.	Standards: 1c, 2d
Promote and support rigor and relevance in core subjects using subject related apps on the iPad.	Standards: 1a, 3a, 4b,
Customize the learning experience for each learner, including English language learners and students with special needs, using the accessibility features and apps of an iPad.	Standards: 2a, 2b, 2c, 4b
Engage students in their own educational goals with iPads, enabling them to personalize their learning experiences in a 1:1 classroom.	Standards: 1a, 1b, 1c, 2a, 2b, 2c

COURSE CONTENT

Pre-Assessment

Answer a short series of questions to discover what you do and don't know about iPads in the classroom and to think about your goals for this course. At the end of the course, you will take a short, summative post-assessment quiz, which offers you the opportunity to measure your growth.

Section 1: Introduction

Discover how bringing iPads into your classroom can enhance your teaching skills and have a positive influence on student engagement and achievement.

Section 2: iOS 9 Basics on the iPad

Explore Apple's newest operating system and its upgraded features for the iPad. Take a tour and review essential settings, apps, and features necessary for optimal iPad use in the classroom.

Section 3: Classroom Management

After receiving your iPad or iPads, what do you do next? Check out these tips for integrating iPads into your curriculum. Organization, safety, etiquette, routines, and procedures are all discussed.

Section 4: Assessment & Common Core

Discover how the iPad and the Common Core go hand-in-hand. Examine apps that permit teachers to build and assess lessons in their subject matter that identify the standards addressed. In addition, you can view a Common Core lesson in action.

Section 5: Learning Centers and Collaboration

Gain insight into how you can incorporate iPads into learning centers and how you can use these handy devices to encourage collaboration within the classroom. Review apps, teaching tips, and techniques that aid in the planning process.

Section 6: English Language Arts and Social Studies

Review teacher-recommended apps for English language arts and social studies. Watch lessons that model how to implement iPads in reading and writing activities and that demonstrate how social studies can become an interactive learning experience.

Section 7: Mathematics and Science

Observe how teachers integrate iPads into their math and science lessons. You'll also explore apps that boost instruction and work as tools in math and science classes.

Section 8: Differentiation: Special Education, English Language Learners, and GATE

Learn about iPad apps designed to meet the needs of students with special needs, English language learners, and students in GATE programs. Discover ways to use the iPad's features to differentiate instruction and make learning accessible to all learners.

Section 9: 1:1 iPad Classroom

Find out how to make your classroom into a 1:1 iPad program with helpful organization and management tips as well as suggestions for useful teaching strategies. Watch how Chicago schools have implemented a 1:1 program, and how English language arts and mathematics lessons have been transformed for 21st century classrooms.

Section 10: Conclusion

Post-Assessment

Answer a series of questions designed to give you a summative analysis of how much you learned about teaching with iPads in the classroom. It will also help you check to see if you met your goals for this course. In addition, please make sure that you have submitted your Assessments of Knowledge (AOKs).

CONTRIBUTORS' BIOS

Jennifer Gibson, MA with an emphasis in technology, curriculum expert and professional trainer for 19 years, has presented to thousands of educators on topics including educational technology, English language development, and literacy. In 2010, she won the Santa Barbara Crystal Apple Teacher of the Year and Technology Innovator of the Year awards.

Rich Dixon, MA-TESL, brings over 19 years of experience as a teacher, administrator, staff developer, Director of IT, and Curriculum Coordinator. Whether leading EdTech courses or launching new schools, he strives to improve the effectiveness of instruction through intentional application of educational technology.