Gardens School OF TECHNOLOGY ARTS

Creative Technology Course Schedule

Our Mission

Gardens School of Technology Arts is a K-8 Public Charter School that exists to prepare and equip young innovators with the 21st century skills they need in order to succeed in the international community and global economy.

Our Vision

We envision a learning environment designed to foster innovation and creativity, with the goal of developing an inclusive community geared towards developing the gifts, talents and individual strengths of each of our students.

With these objectives as guiding principles, we have developed the GSOTA Creative Technology Course Schedule to ensure that all students K-8 enjoy technology-rich, digitally diverse learning experiences to enhance core curriculum education as well as to develop relevant skills in current and up-and-coming tech.

Our Course Schedule—with classes in Digital Art and Design, Engineering and Programming, and Maker Innovation—is stratified so that each year students are using programs at a higher level than the year before and are introduced to new programs as they master content.

Creative technology courses receive grades based upon rubrics that measure ingenuity, collaboration, creative application, stamina and integration with core subject content. Gardens SOTA students have opportunities like no other students in Palm Beach County, with the scope of learning and creativity extending to the bounds of each student's individual ingenuity and motivation.

Primary Creative Tech Course Schedule
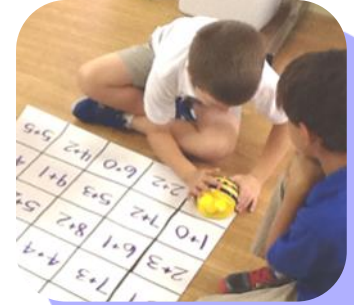
Kindergarten

Digital Art and Design
* iPad Art
* Early Animation
* Keyboard Exploration

Programming & Engineering
* KinderCoding 1
* KinderCoding 2
* KinderBotics

Maker Innovation
* Maker Art K01
* Maker Do K01

Grade 1

Digital Art and Design
* Storyboarding 101
* Extended Animation
* Project Apps 101

Programming & Engineering
* PreCoding 1
* PreCoding 2
* LEGO Robotics 101

Maker Innovation
* Maker Art 101
* Maker Do 101

Grade 2

Digital Art and Design
* Storyboarding 201
* Advanced Animationish
* Project Apps 201

Programming & Engineering
* Coding Fundamentals
* Bot Basics
* LEGO Robotics 201

Maker Innovation
* Maker Art 201
* Maker Do 201

Intermediate Creative Tech Course Schedule

Grade 3

Digital Art and Design
- ∗ Advanced Storyboarding
- ∗ Stop Motion Animation
- ∗ Document Creation & Editing

Programming & Engineering
- ∗ Programming w/ Tynker 101
- ∗ Beginning Robotics

Maker Innovation
- ∗ Maker Art 301
- ∗ Maker Do 301

Grade 4

Digital Art and Design
- ∗ Digital Comic Creation 1
- ∗ Claymation

Programming & Engineering
- ∗ Programming w/ Tynker 102
- ∗ Robotic Programming

Maker Innovation
- ∗ Makey Projects I
- ∗ Maker Do 401

Grade 5

Digital Art and Design
- ∗ Digital Comic Creation II
- ∗ Intro to Digital Video Prod.

Programming & Engineering
- ∗ Programming w/ Tynker 201
- ∗ Robotics w/ Pneumatics

Maker Innovation
- ∗ Makey Projects II
- ∗ Maker Do 501

Middle School Creative Tech Schedule
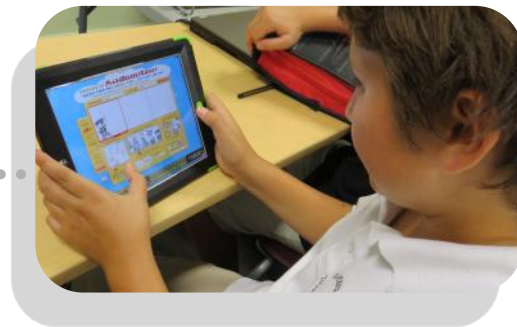
Grade 6

Digital Art and Design
* 3D Design 101
* Animation & Video Production

Programming & Engineering
* Programming w/ Tynker 202
* Robotic Engineering 101

Maker Innovation
* Maker Tech 101
* Maker Tech 102

Grade 7

Digital Art and Design
* 3D Design 201
* Adobe Photoshop I

Programming & Engineering
* Programming w/ Tynker 301
* Robotic Engineering 201

Maker Innovation
* Maker Tech 201
* Maker Tech 202

Grade 8

Digital Art and Design
* Adobe Photoshop II
* Web Design

Programming & Engineering
* Advanced Video Game Design
* Robotic Engineering 301

Maker Innovation
* Maker Tech 301
* Maker Tech w/ Programming