TechnoArts Curriculum

Welcome to the world of creativity and innovation. Welcome to TechnoArts Academy… a School of the Future for students in kindergarten to grade 5 (at full capacity). We are dedicated to providing our students with a curriculum that will engage them in their learning and will inspire them to reach their full potential!

Kindergarten to Grade 5 Literacy

Reading, Writing, Vocabulary, Communication

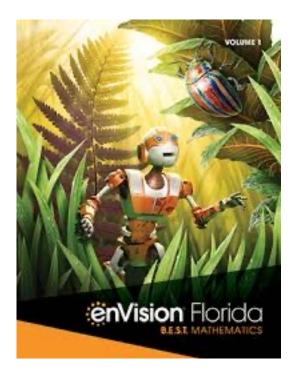**Benchmark Advance – www.benchmarkadvance.com**

- 10 topic-based units per grade revolve around an essential question with multiple text sets per topic.
- 3 weeks of instruction per unit allow students to build concepts, vocabulary, and content knowledge.
- Grades K-6 vertical and horizontal alignment builds knowledge and background for subsequent years.
- Designed for Florida's new standards.
- Integrates Science and Social Studies into the Literacy curriculum.
- Authentic literature and informational texts, plus titles from the Florida Book List.

Kindergarten to Grade 5 Math

Envision Florida Mathematics

- Grounded in problem-based learning promotes growth mindset and deeper conceptual understanding.
- Visual learning gives students greater access to concepts.
- Assess and Differentiate – Explain, justify, and use reasoning to promote classroom discussions.
- Reteach to build understanding.
- Build math literacy.
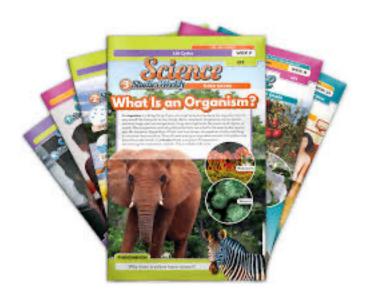- Designed for Florida's new standards.

Kindergarten to Grade 5 Science

Studies Weekly Science

- Based on the 5E Model
- Inspire students to solve real problems using data.

- ELA Integration.
- Balance of informational text skills and experimental learning.

Kindergarten to Grade 5 Social Studies

Studies Weekly Social Studies Florida

- Encourages students to become engaged and responsible citizens.
- Engage students in history, geography, economics, civics, and government.
- Model skills of inquiry: students evaluate evidence, make conclusions, and take action.
- Aligned with Florida standards.

Kindergarten to Grade 5 Health/PE

Studies Weekly Health & Wellness (Health/Character)

- Life skills curriculum
- Units include character development
- Format is a newspaper that kids can write on and take home
- Lessons are fun and interactive with hands-on projects

Our PE and Health program will be 150 minutes per week. In PE, the students will take part in team activities, sports, and games to encourage socialization and team building along with movement and healthy living.

The Arts!

Our Arts program will include visual art, green screen/film, theater, and acting. Students will alternate between our Arts program and Coding/Computer Science program using 4-week blocks. They will take part in all the Arts programs building a foundational knowledge throughout all the Arts disciplines. The Arts will be integrated throughout all subject areas and

students will be involved in our school musical, commercials, and events, along with their own creations and productions.

Coding/Computer Science

Our Coding/Computer Science program will include learning computer language, hands-on learning, and unplugged coding. What does this mean? It means we will not be using a lot of computer time for our program. Our students will build, construct, think, solve, and present projects. They will build mazes, structures, and robots. They will program robots to take their commands and perform steps. They will learn to speak computer language and read about inventors, creators, and scientists who have changed the world.