STEAM ACTIVITIES PREPARE CHILDREN FOR 21ST CENTURY CAREERS.

We open our minds to new possibilities when we practice the habits of observing, imagining, and creating. When children design innovations and games they learn problem-solving skills and prepare for STEM careers.

Developing a Growth Mindset Helps Children ...

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The four creative processes thinking visible.

Art makes Adults learn from show what they give children new ways to create and discuss their when we look at innovations and games they can be improved. Learning happens everywhere—in schools, and with others. WHEN FAMILIES ENJOY CREATE DESIGN THINKING PROCESS to create innovative solutions to everyday STEAM design challenges.

CREATE

EXPLORE

COMMUNICATING

MOVING

EXPERIENCE

SHARE

ENJOY

EXPRESS

THINKING

SHIFTING

FEEDBACK

Feeling/Sharing

In the IDEC Design Thinking Process, children learn by creating and collaborating with others. When children are given the opportunity to design solutions to everyday problems, they develop the skills needed to be successful in the 21st century. The IDEC Design Thinking Process is used with permission of National Art Education Association.

IDEA Design Thinking Process: Identify, Define, Explore, and Assess

IDEAS

Grades 3-5

WHAT DO CHILDREN NEED TO PREPARE THEM FOR THE FUTURE? 21st century learners need following the 4Cs: Creativity, Collaboration, Communication, and Critical Thinking.

DEVELOPMENTAL AREA

„EED“ TO EXPAND EXPERIENCES THAT MAKE A DIFFERENCE EVERY DAY

Habits of Mind: Critical Thinking, Collaboration, Communication, and Creativity

When children are given the opportunity to "EED" to expand experiences that make a difference every day...

Children learn to think like creative problem solvers through

IDEAS

Grades

Develop problem-solving and creative thinking; develop 21st century skills, the 4Cs: Creativity, Critical Thinking, Collaboration, Communication; and; become collaborative partners who work with peers and family members. Art helps children reach their full potential and express their big ideas!

Design Challenges

When children... are given the opportunity to design innovations, they:

• become problem solvers and creative thinkers;
• develop 21st century skills, the 4Cs: Creativity, Critical Thinking, Communication, and Collaboration; and;
• become collaborative partners who work with peers and family members.

Art helps people show what they think and feel. Adults learn from children and about children when we look at how they respond when we try new ideas, and to design and make new things.

Art provides small moments of joy and a reminder of what we think and feel.

STEAM FOR 21ST CENTURY LEARNERS

CREATE-TO-LEARN FAMILY PROJECTS

WHAT DO CHILDREN NEED TO PREPARE THEM FOR THE FUTURE? 21st century learners need following the 4Cs: Creativity, Collaboration, Communication, and Critical Thinking.

design-thinking-skills.

You’re Invited: Family Together.

Children love learning about STEAM, but how do they apply new concepts to everyday situations? You’re Invited: Family Together challenges children to create and build planning, decision making, communication, and collaboration skills.

Create Ed, a leading provider of STEAM education and learning experiences.

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Creative and playful interactions with adults.

STEAM combines science, technology, engineering, art, and most knowledge and uses the creative process to continuously improve.