

# **STUDENT ACADEMIC ACHIEVEMENT IN THE 21<sup>ST</sup> CENTURY**

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2018 EDUCATION AND BUSINESS SUMMIT  
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# PROFILE OF THE South Carolina Graduate

## WORLD-CLASS KNOWLEDGE

Rigorous standards in language arts  
and math for career and college  
readiness

Multiple languages, science, technology,  
engineering, mathematics (STEM), arts and  
social sciences



## WORLD-CLASS SKILLS

Creativity and innovation

Critical thinking and  
problem solving

Collaboration and teamwork

Communication, information,  
media and technology

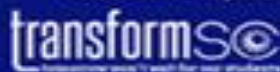
Knowing how to learn

## LIFE AND CAREER CHARACTERISTICS

Integrity • Self-direction • Global perspective • Perseverance • Work ethic • Interpersonal skills

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Adopted by: SC Arts Alliance, SC Arts in Basic Curriculum Steering Committee, SCASCD, SC Chamber of Commerce, SC Commission on Higher Education, SC Council on Competitiveness, SC Education Oversight Committee, SC School Boards Association, SC State Board of Education, SC State Department of Education, TransformSC Schools and Districts



# **PARTICIPANT OUTCOMES**

- **OUTCOMES: TO INCREASE THE PARTICIPANTS KNOWLEDGE BASE AND TOOL KIT**
- **TO MODEL BEST INSTRUCTIONAL STRATEGIES DESIGNED TO PROMPT CRITICAL THOUGHT, ENGAGEMENT, AND RELEVANCE**

# **STUDENT ACADEMIC ACHIEVEMENT IN THE 21<sup>ST</sup> CENTURY**

- **KNOWLEDGE CREATOR**
- **INNOVATOR**
- **PROBLEM SOLVER**
- **CRITICAL THINKER**
- **ADAPTABLE**

# WHAT IS NEEDED?

- **CALL TO ACTION: PARADIGM SHIFT IN MINDSET AND PRACTICE**
- **ONE SIZE FITS ALL NO LONGER WORKS**
- **ANALYZING, SYNTHESIZING, AND EVALUATING**
- **ACTIVE PARTICIPATION**
  - **STUDENT CONTROL OVER LEARNING**

# ACTIVE ENGAGEMENT

- **INSTRUCTIONAL DELIVERY**
  - **DIFFERENTIATED**
  - **LEARNING STYLES AND INTELLECTUAL ABILITIES**
  - **NOT A ONE-SIZE-FIT ALL APPROACH**
- **LEARNING VERSUS DOING**
  - **TEACHING TOWARDS MASTERY**
  - **ENVIRONMENT**

# **INQUIRY, TRANSACTIONAL APPROACH**

- **INQUIRY-BASED INSTRUCTION**
- **HOLISTIC APPROACH**
- **SOCRATIC AND PAIDEIA SEMINARS**
- **LEARNER'S CONFIDENCE AND SELF-EFFICACY**
- **REFLECTION AND COLLABORATION**
- **ACTIVE VERSUS PASSIVE LEARNING**

# HOLISTIC APPROACH

- **AFFECTIVE DOMAIN**
  - **ENGAGING, ENCOURAGING, AND SELF-MOTIVATION**
- **HUMAN MOTIVATION THEORY – DAVID MCCLELLAND**
  - **NEED OF ACHIEVEMENT**
  - **NEED OF AFFILIATION**
  - **NEED FOR POWER**
- **EXPLICIT INSTRUCTION**
  - **SCAFFOLDING**
  - **CONSTRUCTIVE FEEDBACK**

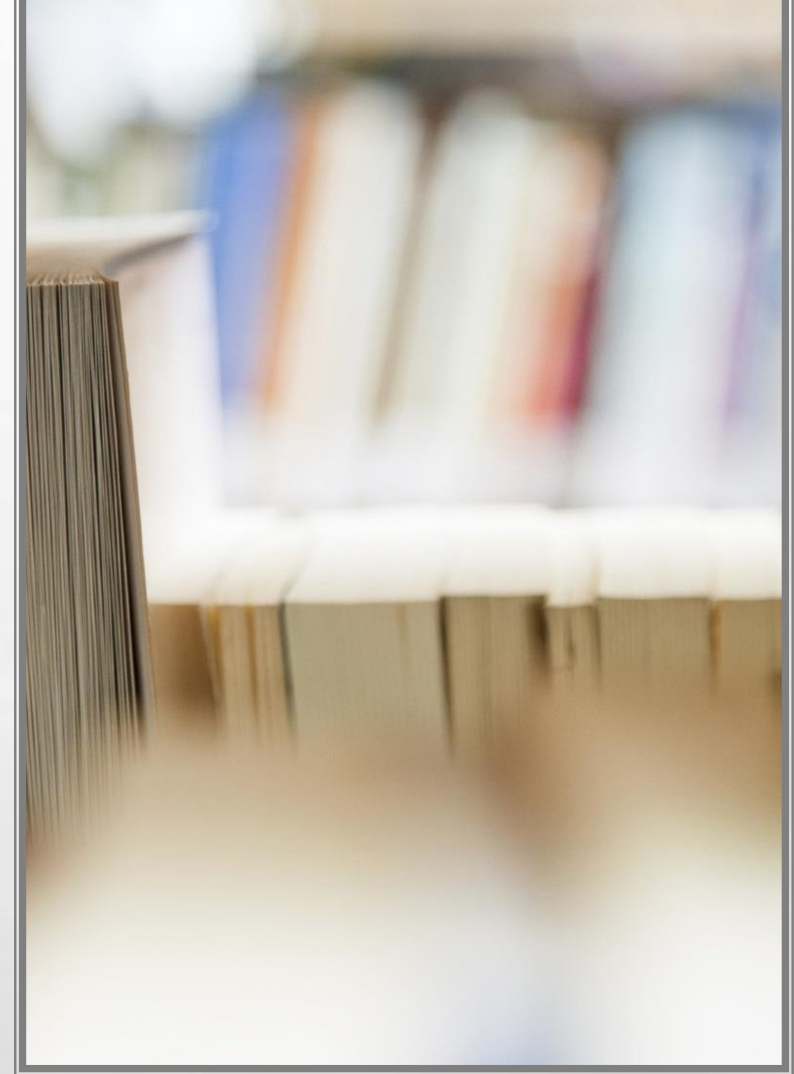
Holistic Approach..





# **RIGOROUS, RELEVANT, AND MEANINGFUL**

- **APPLICATION**
- **RELEVANT AND MEANINGFUL LEARNING OPPORTUNITIES**
- **STUDENT-CENTERED INSTRUCTION**
- **EXPLICIT INSTRUCTION**
- **PROCESSING TO LEARN AND CREATE VERSUS DOING FOR A GRADE**



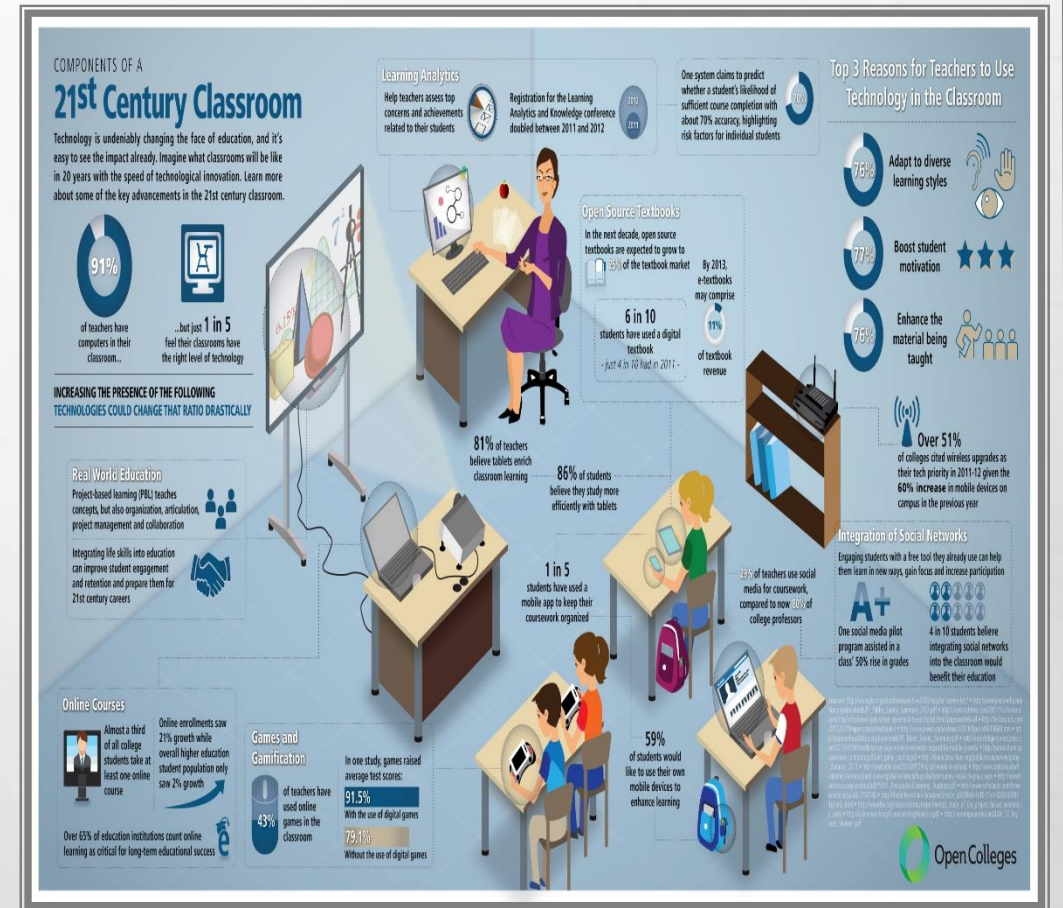
# BRAIN BASED LEARNING

- **PROVIDE INVALUABLE INSTRUCTION THAT STIMULATE THE NEURONS IN THE BRAIN AND THAT PROMOTE SUSTAINABLE INSTRUCTION**



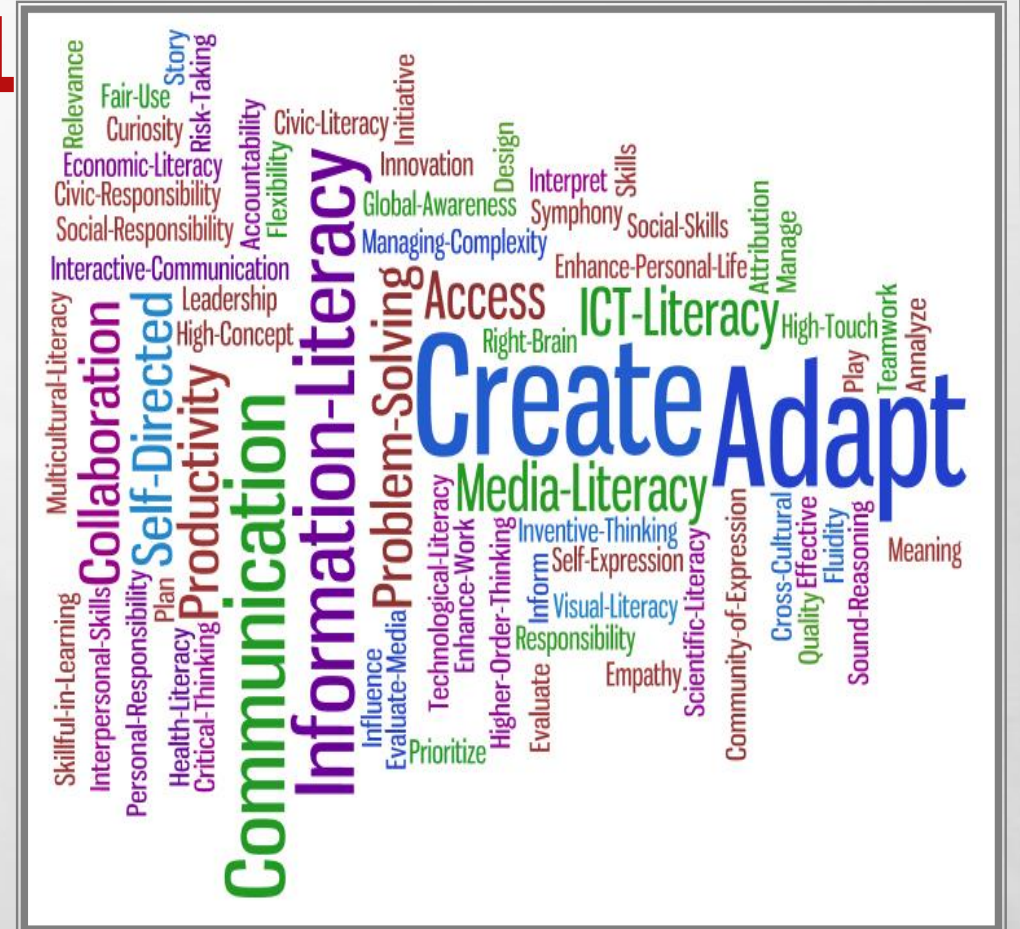
# TECHNOLOGY AND THE 21<sup>ST</sup> CENTURY LEARNER

- ACCESS TO CURRENT INFORMATION AND SOURCES
- KNOWLEDGE CREATION
- KNOWLEDGE AND INQUIRY BASED SOCIETY
- INFORMATION AND TECHNOLOGICAL LITERACY AND AWARENESS
- GLOBAL COMPETITIVENESS



# WHERE ARE WE? WHY IS THIS CALL TO ACTION SO SIGNIFICANT?

- **LAGS BEHIND OUR INTERNATIONAL COUNTERPARTS**
  - **THE UNITED STATES RANKS 31<sup>ST</sup> OUT OF THE 35 INDUSTRIALIZED EDUCATIONS**
- **INCREASE IN REMEDIAL COURSES**
- **NOT PREPARED FOR THE JOB MARKET**
- **PARADIGM AND PRACTICE SHIFT**



# STUDENT ACADEMIC ACHIEVEMENT IN THE 21<sup>ST</sup> CENTURY

**TWENTY-FIRST CENTURY LEARNERS ARE :**

**GLOBALLY AWARE**

**TECHNOLOGICALLY SKILLED**

**ABLE TO ACCESS, INTEGRATE, AND CONSTRUCT NEW KNOWLEDGE**

**PROBLEM SOLVERS**

**RISK TAKERS**

**ADAPTABLE**

20th Century

Curriculum

Time-Slotted

One-size-Fits-All

Competitive

Classroom

Text-based

Summative Tests

Learning For School

21st Century

Projects

On-Demand

Personalized

Collaborative

Global Community

Web Based

Formal Evaluations

Learning For Life

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