A Digital C-Change: Deeper Learning for Students and Adults
Essential Question:
How do principals and district leaders cultivate a long-term, sustainable cultural shift toward deeper learning?
THE 7 Steps FOR EDUCATION LEADERS

1. Adopt Your Vision
2. Create a Community Consensus
3. Align Your System
4. Build Professional Capacity
5. Focus Your Curriculum and Assessment
6. Support Your Teachers
7. Improve and Innovate
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Your poll will show here

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What is your school district’s mission / vision?
The mission of Roanoke County Public Schools is to ensure quality learning experiences designed to equip all students with skills to adapt and thrive in a changing global environment.
The mission of Roanoke County Public Schools is to ensure quality learning experiences designed to equip all students with skills to adapt and thrive in a changing global environment.
BACKGROUND

SOL testing success

Investment in technology:
1:1 program in high schools
Promethean boards

Specialty Centers

Governor’s STEM Academy

Early discussions around project-based learning
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SURVEY OF RCPS PARENTS:
(SPRING 2013)

The state and school district should place less emphasis on measuring learning by SOL testing.

agree          disagree
Your poll will show here

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What kinds of learning experiences do we want our students to have?

What do we want our students to know and be able to do?
Your poll will show here

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Real-world skills

Hands-on Learning

Engaging activities

creativity

Learn at own pace

21st century skills

Work with others

Take responsibility

Apply knowledge to their lives

Modern technology

Be curious

Communication skills

Think for themselves

Reasoning skills

Be confident
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OUR JOURNEY

1. Formed Strategic Planning Committee
2. Gathered ideas consensus building
3. Coding process led to emergence of key themes
4. Drafted descriptive statements and refined
Digital C-Change Strategic Framework

Empowering all students through technology and 21st Century Skills: Critical Thinking, Collaboration, Creativity, and Communication.
“Yes, but...”

DIGITAL C-CHANGE
Empowering all students through technology and 21st Century Skills: Critical Thinking, Collaboration, Creativity, and Communication.

Digital C-Change Strategic Framework
Digital C-Change Strategic Framework
Deeper learning is learning that is engaging and purposeful.
Deeper Learning is at the heart of the Digital C-Change.

- Deeper learning is learning that is engaging and purposeful.
- Deeper learning includes content knowledge as well as the development of 21st century skills: collaboration, communication, creativity, and critical thinking.
- Deeper learning is student-centered, personalized, and differentiated to meet the individual needs of students.
- Deeper learning is produced through the purposeful use of a variety of instructional strategies. Strategies that engage students in authentic problem solving (e.g. inquiry-based learning, project-based learning, and design challenges) should be a regular part of the instructional mix.
- Deeper learning produces innovative students who are college and career ready.
- Deeper learning is catalyzed when technology is used to activate the 21st Century skills C’s.
Digital C-Change Strategic Framework
Digital C-Change Strategic Framework
LEADING LEARNING

Digital C-Change Strategic Framework
Digital C-Change Strategic Framework
Digital C-Change Strategic Framework
Digital C-Change Strategic Framework
SCHOOL STRATEGIC PLANNING PROCESS

REGULARLY REFLECT AND REAFFIRM THE RCPS STRATEGIC FRAMEWORK

CELEBRATE SUCCESS

COLLECT AND TRIANGULATE MULTIPLE SOURCES OF DATA

PRIORITIZE AND STRATEGIZE

DEVELOP ACTION PLAN WITH LONG-TERM GOALS AND SHORT-TERM STRATEGIES
BE SMART!

GATHER EVIDENCE TO MEASURE PROGRESS

ADJUST GOALS AND STRATEGIES

REPEAT

Alignment with PLAN-DO-STUDY-ACT model

GUIDING QUESTIONS

- What is our purpose?
- Does it still make sense?
- Where do we want to be?

- What have we doing well?
- What small victories can we highlight to sustain our efforts?

- Where are we now?
- What concerns might anyone raise from this data?
- What other information do we need?

- Where do we start?
- Are there areas that may impede progress in others areas if not addressed first?
- Are we taking on too many things that no one knows the current priorities?

- Where do we want to be in 2-3 years?
- How will we get there?
- Are my strategies SMART?
- Does our plan align with the vision and mission?

- How will we know if/when we are making progress?
- What evidence will we need?

- Where do we go from here?
- Are our goals still relevant?
- What adjustments are needed?

- Cycle is repeated at least annually
NEEDED:
1 drummer
1 guitarist
1 keyboard player
GOAL ACTION PLAN

GOAL 1:

RATIONALE / EVIDENCE OF NEED: Please describe the evidence used to identify this goal as a priority.

DIGITAL C-CHANGE STRATEGIC FRAMEWORK TARGET: Please indicate which area of the Digital C-Change Strategic Framework is targeted by this goal by typing a "X" in the appropriate box. To verify alignment with the Strategic Framework, please refer to the descriptive statements listed under each element in the Strategic Framework.

<table>
<thead>
<tr>
<th>The “C’s” of 21st century learning</th>
<th>Balance</th>
<th>Learning Culture</th>
<th>Support Services and Tools</th>
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</thead>
<tbody>
<tr>
<td>Deeper Learning</td>
<td>School and Classroom Climate</td>
<td>Professional Growth</td>
<td></td>
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</tbody>
</table>

ANTICIPATED OBSTACLES: Please briefly state anticipated obstacles or threats to accomplishing this goal.

KEY PERFORMANCE INDICATORS: Please describe how performance will be measured, the research or professional resources used to guide the development and implementation of an action plan, and strategies adopted within the action plan. The action plan should include a timeline for implementation with benchmarks, a description of who is facilitating the strategies, and how progress will be reported and evaluated.

<table>
<thead>
<tr>
<th>ACTION PLAN</th>
<th>EXPECTED COMPLETION DATE</th>
<th>FACILITATOR (IF ANY)</th>
<th>HOW MEASURED</th>
<th>ANNUAL PROGRESS DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>STRATEGY 1.1</td>
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<td>STRATEGY 1.2</td>
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<tr>
<td>STRATEGY 1.3</td>
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</tbody>
</table>
All graduating seniors will have completed a digital portfolio demonstrating evidence of effective written and oral (interpersonal and presentational) communication skills.
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EdLeader21
C-CHANGE TEAMS

- Identify and support cohorts of early adopter teachers
- Facilitate shared practice
- Function as healthy professional learning communities
- Reflective Friends process
C-CHANGE TEAMS

ROANOKE COUNTY PUBLIC SCHOOLS
A DIGITAL C-CHANGE
C-CHANGE TEAMS

NEW INITIATIVE

ROANOKE COUNTY PUBLIC SCHOOLS
A Digital C-Change
C-CHANGE TEAMS

NEW INITIATIVE

ROANOKE COUNTY PUBLIC SCHOOLS
A Digital C-Change
Staying Focused
PLC WARNING:
• Do not try this at home
• Do not try this if faint of heart or suffer from serious medical conditions
• Do not try this if you have a strong aversion to conflict
• Do not try this if you are “good enough” or uninterested in sustainable school change
PLC’s: 4 C’s for Adults

PRINCIPALS PLC

PRINCIPALS PLC PURPOSE:
1.
2.
3.

PRINCIPALS PLC CORE VALUES
1.
2.
3.
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CURRICULUM, INSTRUCTION & ASSESSMENT (CIA)

- Revised Literacy Plan
- Revised Children’s Engineering Plan
- Integration of Performance Tasks and Assessments
- Instruction & Intervention Toolbox
- CIA Renaissance Project
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A Different Model of Leadership
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Academic Conference
VASCD 2015 Annual Conference

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