



Promising Practice Capture Sheet

School: Lookout Valley High School, East Ridge High School

Rural Suburban Urban

District: Hamilton

Region: Southeast

Practice: Hands on Minds on Integration Strategy

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Name

Title

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Connection to Strategic Plan:

Goals:	Top Half of States on NAEP – 4th and 8th Grade Math and ELA	State Average of 21 Composite ACT		55% of the class of 2020 obtains postsecondary credential	
How best practice addresses:		The PLC chose a researched curriculum for a specific Program of Study as a pilot for multiple schools. The Hands on Minds on strategy increases the problem solving and procedural knowledge retained by our students. The integration of subjects in the CTE lab setting allows students to experience the equation intellectually and physically. Enhancing the learning process will increase skill sets for the students in the targeted subject areas and should cause an increase in the ACT scores for our district.		The Transportation Program of Study curriculum chosen prepares students to test for the ASE Student Certification Electrical Certificate, which is addressed in the goals for CTE by the Tennessee Department of Education.	
Priority Areas:	Early Foundations	Empower Districts	Support Educators	High School Bridge to Postsecondary	All Means All

<p>How best practice applies:</p>			<p>Allowing teachers to collaborate and share best practices increases the knowledge of all involved and allows them to refine the process of integration. Bringing teachers together also brings accountability to a higher level and helps eliminate teachers isolating their classrooms from moving forward.</p>	<p>High school students graduating with a certificate recognized by postsecondary and industry accompanied by a higher ACT score will create the bridge for a more successful transition to a postsecondary institution.</p>	
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Practices:

- Culture Instructional Training/PD
- Accountability Programmatic Policy Change
- Funding Other:

Project Specific Indicators:

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Results:

- Increased student achievement results
 - ACT TNReady/EOC/TVAAS NIC EPS
- Decreased remediation and/or subgroup gaps
- Increased student readiness results (non-academic)
- Increased partnerships / alignment
- Increased participation / program growth

The Challenge:

Teachers of different schools and content areas communicating about standards and ACT common ground, consistently and effectively.

The Vision:

Ensure success in college and career readiness for our CTE concentrators by broadening their knowledge and skill sets through teacher collaboration and integration.

Action Steps Taken / Summary of To-Do's:

- Determine PLC to incorporate Hands on Minds
- Set an agenda for PLC around Hands on Minds
- Develop shared ownership through bridge-to-practice
- Integrate in other PLC's after successful strategies are utilized
- Receive feedback from PLC members and make adjustments
- Collaboration between general education and CTE teachers from separate high schools.
- Alignment of lesson plans for integration of ACT, academic, and CTE benchmarks into their classrooms.

Lessons Learned: *Include advice on start-up and sustainability*

Plan an integration timeline with teachers to align standards for integrated lesson plans. Have CTE teachers compose a materials list with cost per student in advance to ensure all items needed are on hand and cost effective.
The integration of math and literacy in a content specific CTE environment provides the student with a view of math and reading problem solving situations. This provides collaborative assessments from multiple teachers and feedback, increasing the level of understanding for the student.

Communications:

PLC meetings, email, school to school visits

Stakeholder Management:

Principals, CTE and general education teachers, industry partners

Metrics & Measurements:

Baseline Data	Progress to Date	Goals
This is the first year, but we hope to see an increase in teacher evaluation scores and an increase in ACT scores based on this research based strategy.	Increase in student engagement Increase in PLC involvement	Guide PLC's in other career clusters to follow the model

Resources:

- **Hands on Minds**
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Note: In addition to websites, materials, and tools, Include other LEAs or schools who are also strong in this practice, if known.