

High School Program Innovation

A Progress Report to the Joint Committee to Study the Future of Public Elementary and Secondary Education in the Commonwealth

Subcommittee #3: Revisions to the Standards of Accreditation, Standards of Learning and Standards of Quality

September 20, 2017

Dr. Steven M. Constantino, Chief Academic Officer, VDOE

Dr. Tina Manglicmot, Director, STEM, VDOE

Purpose of HSPI

- Encourage innovation and explore new approaches to engage and motivate students and increase readiness for postsecondary education and training
- The intent
 - encourage new models of high school organization and instruction, and
 - to identify promising practices for scaling across Virginia.

Purpose of HSPI

Nontraditional approaches to curriculum, instruction, assessment, governance, graduation, and/or school operations

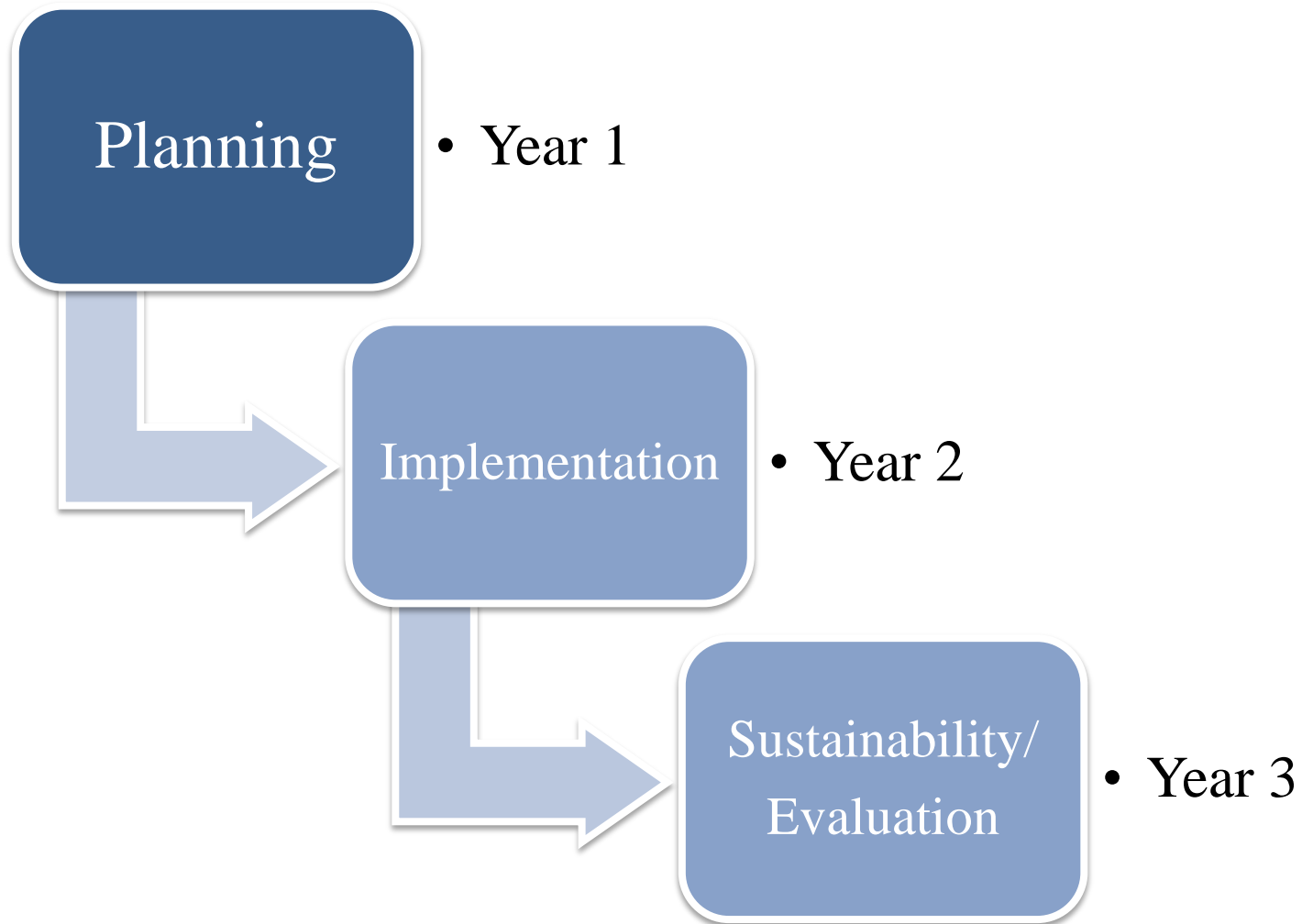
Designed to enhance student

1. achievement through demonstrated proficiency;
2. preparation for postsecondary education and training; and
3. workforce development and career readiness.

Innovations in Proposals

- Alternative pathways towards graduation
- Personalization
- Competency-based learning
- Partnerships
- Credible internship or mentorship opportunities
- Innovative learning environments
 - Blended learning
 - Online learning
 - Project-based learning/exploratory learning
- Alternative schedules or school governance models
- Inclusive of all students
- Expandable
- Sustainable

HSPI Process



Current HS Program Innovators

2016-2017 Planning 2017-2018 Implementation	2015-2016 Planning 2016-2017 Implementation
Bedford – Early HS personalized learning teams, Advanced HS pathways	WJCC – Warhill Project Pathways; blended, project-based, personalized, early and advanced HS
VA Beach – competency-based, multi-pathway, blended curriculum	NNPS – Career Academy @ Heritage HS
Hampton – student-centered; real word, competency based	Richmond Area – Code RVA
Madison – Core Craft Skills program; Simulated Workforce Model	Salem – Career interest pathways, 1:1 laptop expansion, power standards development
WJCC – Division; blended, project-based, early and advanced HS	Fairfax – Global STEM Challenge Program @ Edison HS

2017-18 HSPI Awardees

2017-2018 Planning Year

Chesterfield County: Internships with county agencies; focus PBL, citizenship & real world application of learning

Fairfax County: Focus on ELL & development of curriculum; mentoring, career exploration and internships

Manassas Park: COMPASS – customized pathways for ELL and struggling learners

Radford High: Core academies (STEM, CTE, Cybersecurity); inquiry-based learning

Rockbridge County: Solutions STEM Academy (agriculture, energy & power, and environmental technology); flexible scheduling, integrated courses, and PBL

LEA Lessons Learned

- Realistic, initial small goals and long-term goals
- Research – what works well and what doesn't
- Stakeholder involvement & buy-in
- Committed partnerships (higher education & business)
- Curriculum development timeline
- Professional development – ongoing, targeted
- Align work to current state/local initiatives
- Fit for the community

State Lessons Learned

- Professional Learning
 - Integrated curriculum and course development
 - Models of blended learning
 - Shifts from teacher-centered instruction to more student-centered learning
- Personalization of student learning through competency-based education systems
- Teacher certification

Next Steps

- Spring 2018
Convening of all HSPI schools to discuss best practices, outcomes and sustainability
- Development of state guidance document
- Summer 2018
Round 1 Evaluation