

**BERLIN BOROUGH SCHOOL DISTRICT 2017-2020 STRATEGIC PLAN – ACTION PLAN**

**GOAL AREA: STUDENT ACHIEVEMENT**

**GOAL STATEMENT: BCS will have a rigorous engaging research based curriculum that is responsive to data and aligned to standards where curiosity and problem solving is encouraged.**

**OBJECTIVE 1: Enhance STEAM opportunities; Professional Development**

<b>Major Activities</b>	<b>Staff</b>	<b>Resources</b>	<b>Timelines</b>	<b>Indicators of Success</b>
1. Review all existing curricula and seek opportunities to include STEAM activities.	All Staff K-5	Mystery science	Ongoing Year 1: 5 activities Year 2: 1 units Year 3: 2 units	STEAM activities, programs, units included in the curriculum.
2. Create STEAM Units	All Staff 6-8	Curriculum Standards	Year 2: 2 units Year 3:3 units	STEAM activities, programs, units included in curriculum.
3. Review Scheduling for inclusion of pre-engineering to be offered in Grade five.	Administration	Schedule  Staffing	By 2020	Schedule
4. Provide PD on STEAM activities, programs	All staff	Other school district visitations, websites, presentations	Ongoing	STEAM activities/ lessons
5. Provide robotics in Pre-Engineering	Grades 5-8	Robotics curriculum, teacher schedule	Year 2	Schedule of classes offered

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**OBJECTIVE 2: Technology: Responsible Use, Student Comfortability, Quality Use, Accessibility; Professional Development**

<b>Major Activities</b>	<b>Staff</b>	<b>Resources</b>	<b>Timelines</b>	<b>Indicators of Success</b>
1. Provide classroom sets of iPads for all classrooms K to 4.	All Staff K-4	iPads, Apps, PD	Implement in the 2017-2018 school year	Daily use of iPads to enhance personalized instruction and student achievement.
2. Continue 1:1 iPad initiative in grades 6-8 and expand to grade 5.	K-8 staff	iPads, Apps, PD	Implement by 2020	Daily use of iPads to enhance personalized instruction and student achievement.
3. Provide PD for staff, parents, and students on responsible use of technology and school based platforms such as Google Classroom, eBackpack, etc.	All staff	iMovie, AUP policy, parent night	Ongoing annually	Development of PD programs, policies and other resources generated to assist students, staff and parents.
4. Maintain a fiscally responsible budget which includes appropriated funds to maintain and upgrade technology.	Administration	Allocation of budget funds	Ongoing annually	Maintaining budget line with appropriated funds.

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**OBJECTIVE 3: Career Ready: Collaboration, Communication, 21st Century Skills, Critical Thinking, Questioning, Authentic Problem Solving; Professional Development**

<b>Major Activities</b>	<b>Staff</b>	<b>Resources</b>	<b>Timeline s</b>	<b>Indicators of Success</b>
1.PD for teachers	All staff	Collaboration with colleagues built into the daily schedule; PD on increasing questioning techniques and critical thinking skills; Review and implementation of 21 <sup>st</sup> Century Skills in all curriculums.	Ongoing annually	Implementation of new ideas and programs; increased PARCC scores.
2. Review and update of all curriculums to incorporate 21 <sup>st</sup> Century Skills.	All staff	NJ Student Learning Standards PD and collaboration with colleagues	Ongoing annually	Alignment of all curriculums to support the NJ Student Learning Standards and inclusion of 21 <sup>st</sup> Century Skills.
3. Articulation with Eastern	Administration Staff	Time to articulate; review of HS curriculums; articulation of administration and teachers to ensure a smooth transition to HS.	Ongoing annually	Alignment of curriculum from K-12.

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**OBJECTIVE 4: Testing & Data Usage: Assessment; Differentiation**

<b>Major Activities</b>	<b>Staff</b>	<b>Resources</b>	<b>Timelines</b>	<b>Indicators of Success</b>
1. Identify strengths and challenges in MAP & PARCC	All staff	MAP and PARCC reports, Data days	Ongoing annually	Implementation of R & E strategies to increase student achievement and differentiation of strategies to target student needs.
2. Routine review of benchmark assessments	All staff	Benchmark assessments; PLCs	Ongoing annually	Leveled reading groups, targeted instruction; increase of achievement on benchmark assessments.
3. Provide professional development in Project based learning and implementation of projects	All staff	Curriculum, Lessons	Year 1: Professional development Year 2 and 3: Minimum of 2 project based learning projects.	Project based learning activities resulting in "authentic learning."
4. Input all student data into one student management system.	Admin and staff	Student data	Year 2	Data files