



Staffing and Facilities Specifications

	9 th Grade Start (with 100-125 students)	9 th and 10 th Grade Start (with 200-250 students)
staffing: should have	<ul style="list-style-type: none"> 1 full-time Director (Principal) 5-6 full-time Teachers (Facilitators) 1 part-time (or full-time) IT person 	<ul style="list-style-type: none"> 1 full-time Director (Principal) 10-12 full-time Teachers (Facilitators) 1 part-time (or full-time) IT person
staffing: nice to have	<ul style="list-style-type: none"> 1 part-time Counselor or Social Worker 1 Secretary/Administrative Assistant 	<ul style="list-style-type: none"> 1 part-time Counselor or Social Worker 1 Secretary/Administrative Assistant
facilities: should have	<ul style="list-style-type: none"> 1-2 integrated classrooms (1600-1800 s.f. or larger) for integrated PBL courses 2 regular classrooms (800-900 s.f. or larger) for stand-alone PBL courses 1 Director's Office 	<ul style="list-style-type: none"> 3-4 integrated classrooms (1600-1800 s.f. or larger) for integrated PBL courses 3-4 regular classrooms (800-900 s.f. or larger) for stand-alone PBL courses 1 Director's office
facilities: nice to have	<ul style="list-style-type: none"> science lab science storage/prep lobby/reception area facilitator work studio common spaces: <ul style="list-style-type: none"> informal learning/breakout spaces large, multi-purpose area student research center/library Counselor's/Social Worker's office IT office PE facilities or access to PE facilities cafeteria or access to cafeteria clinic or access to clinic student storage 	

Four-Year Program Specifications for a New Technology High School

With the addition of 11th and 12th grade classes, students should have increased opportunities to complete Community Service hours and Internships as well as take college-level courses. It is expected that core classes will be delivered by New Tech Teachers. By full implementation, staffing should include 1 full-time Director, 16-20 Teachers, and 1 full-time IT person. Enough integrated learning studios should exist to accommodate at least one integrated course at all grade levels. The facility should include 6-8 integrated learning studios and 6-8 regular learning studios. All studios require 1:1 student-to-computer ratio. Flexible furniture is recommended for all studios. Facilities should have the following (or access to the following) facilities: PE, cafeteria, clinic.

Sample Course Integrations

9 th Grade	BioLit (Biology and English 9); Health/Wellness (Health and Physical Education); Global Science Perspectives (English, World Geography, and Independent Study Science); Problem Solving (Algebra I and Scientific Research I); BioCom (Biology and Speech/Communications)
10 th Grade	Geo-Design (Geometry and 2-D Art); DigiComm (English 10 and Web Design I); Global Studies (Geography and History of the World and English 10); GEO/IED (Geometry and Introduction to Engineering Design); Music and Literature Studies (Music and English 10)
11 th Grade	American Studies (U.S. History and American Literature); Geo/IED (Geometry and Introduction to Engineering and Design); Phys/Trans & Phys/Comm (Physics and Transportation Systems/Communication Systems); ChemAnalysis (Chemistry and Statistics/Probability); Mechanics (Physics and Algebra II)
12 th Grade	Political Studies (Government, Economics, and English 12); Integrated Studies (Environmental Science, Trigonometry, and Statistics); Analytic Astronomy (Astronomy and Pre-Calculus); Anatomy/Physiology/Athletic Training; History by the Numbers (Statistics and History Elective)

Sample Shared-Campus Renovation (before and after)



This schematic design depicts a traditional high school wing that has been transformed into a 21st century learning environment. This shared-campus implementation would accommodate 10-12 staff members and 225 students in Grades 9-10 in Year One. The 19000 sf space was designed for teaching and learning in an alternating 8-Block Schedule.

