



EdTechTeacher “E21” Tech Needs Analysis

Schools and districts face similar challenges in navigating the emerging technologies that are transforming society: new technologies create new forums for relationships among teachers, students, parents, and administrator; students bring new personal technologies that can enhance or interrupt learning routines; new online learning tools offer unprecedented opportunities to develop personalized, student-centered learning environments but these new spaces come without established norms or policies. Effective leaders who seek to nurture 21st Century learning environments have to nurture school and district policies and cultures that promote thoughtful and conscientious innovation with new learning technologies.change.



With the E21 Program, EdTechTeacher helps schools formulate a vision, a structure, and a pathway to develop an institutional capacity for effective technology integration.

E21 Components

EdTechTeacher will provide a 'SWOT' analysis to help the district shape a vision for tech integration in the 21st century and make a series of recommendations based on interviews, observations, and data.

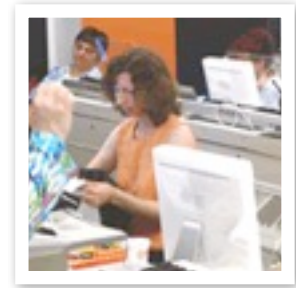
1. **EdTechTeacher will conduct a maximum of two days of onsite visits** that include interviews with administrators, technology staff, and teachers (and possibly students) as well as classroom observations of tech integration.
 - Interviews of Superintendent-Director, Principal, School Business Administrator, Library Media Specialist, District Technology Administrator, select faculty and staff.
 - * Discussion and Review of: I. Vision, Mission, Goals; II. Professional Development; III. Assessment of Technology Requirements; IV. Budget
 - * Identification of role technology plays in teaching and learning; practices and initiatives to be encouraged and sustained; areas where improvement is required.
 - * Essential Questions:
 - a. Where does the curriculum need to go?
 - b. What professional development does the faculty need?

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- c. What scaffolding should be put in place to ensure that the students have requisite skills?
- d. What infrastructure and support is needed to ensure that faculty and students have access to the technology they require?

2. **EdTechTeacher will collect data** on technology integration from various constituents -- administrators, faculty, staff.

- EdTechTeacher Web survey collects information to help EdTechTeacher analyze infrastructure, instruction, support, aptitudes and attitudes, as well as equity and safety.
- Observation of instructional practices and student support strategies incorporating technology



3. **EdTechTeacher would draft a 12-15 page report** that reviews key areas identified above and includes recommendations and "action items" to improve technology integration. Key areas include: Vision/Leadership, Instruction, Infrastructure, and Faculty/Staff Development.

- Gap Analysis: What is needed to go from current situation to desired situation, includes both technology and curriculum/pedagogy support.
- Final Recommendations: Strategies for implementation and both short-term and longer-term action items.

Time & Cost

EdTechTeacher will provide a draft of the final report to the administration within two weeks of completing onsite visits and collecting web survey results.

After receiving written feedback, EdTechTeacher will complete the final report within 10 days.

The standard cost of the E21 program is \$8800, but may vary according to the scope and requirement of the project.