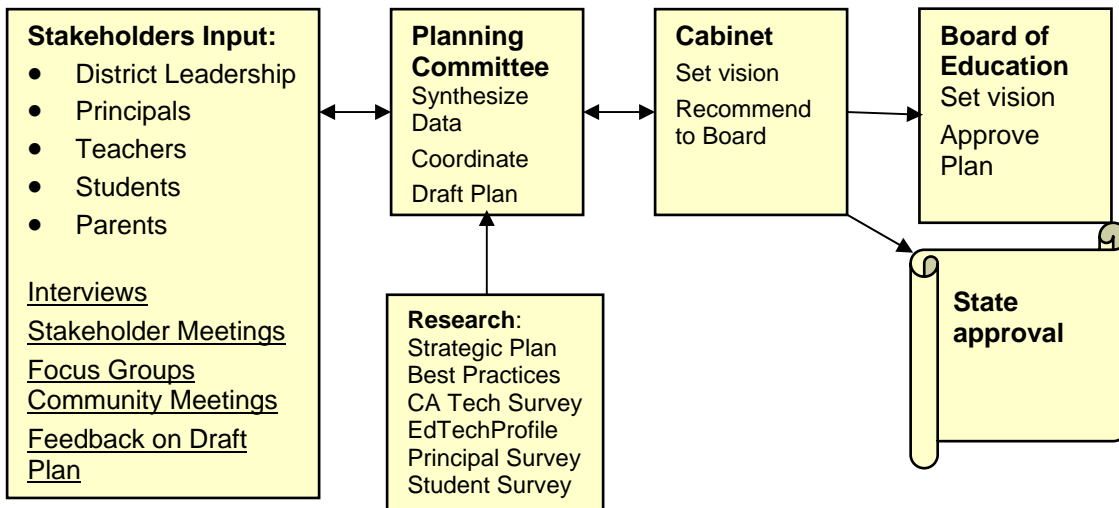


**SAN FRANCISCO UNIFIED SCHOOL DISTRICT  
MASTER PLAN FOR INSTRUCTIONAL TECHNOLOGY 2009-2012  
EXECUTIVE SUMMARY**

**Purpose of the Master Plan for Instructional Technology (“Technology Plan”):**

- Identify strategies for the use of technology to support the Strategic Plan
- Develop a roadmap for use of technology to improve teaching and learning throughout the district
- Develop recommendations for the allocation of the parcel tax and other district and site funding for technology
- Comply with state and federal requirements for a state-approved, three year plan to qualify for eligibility for e-rate telecommunications discounts and other technology funding

**Planning Process:**



**Parameters of the Technology Plan:** The vision for the Strategic Plan, and for the Master Plan for Instructional Technology (Technology Plan) that supports it, represents a bold change of direction. However, an extensive needs assessment confirmed that the district lacks the basic capacity – people skills, systems and technology infrastructure - to achieve the goals of either the Strategic Plan or the Technology Plan. Therefore, like the Strategic Plan, the Technology Plan calls for major developmental or foundational work over the next few years.

Strategic Plan Goals	Strategic Plan Initiatives	Instructional Technology Plan
<b>Goal 1: Access and Equity</b>	Equity Centered Professional Learning	Strand 4: Professional Development Strand 5: Infrastructure
<b>Goal 2: Student Achievement</b>	21 <sup>st</sup> Century Curriculum	Strand 3: Curriculum Strand 5: Infrastructure
<b>Goal 3: Accountability</b>	Performance Management	Strand 6: Monitoring and Evaluation Strands 2-5

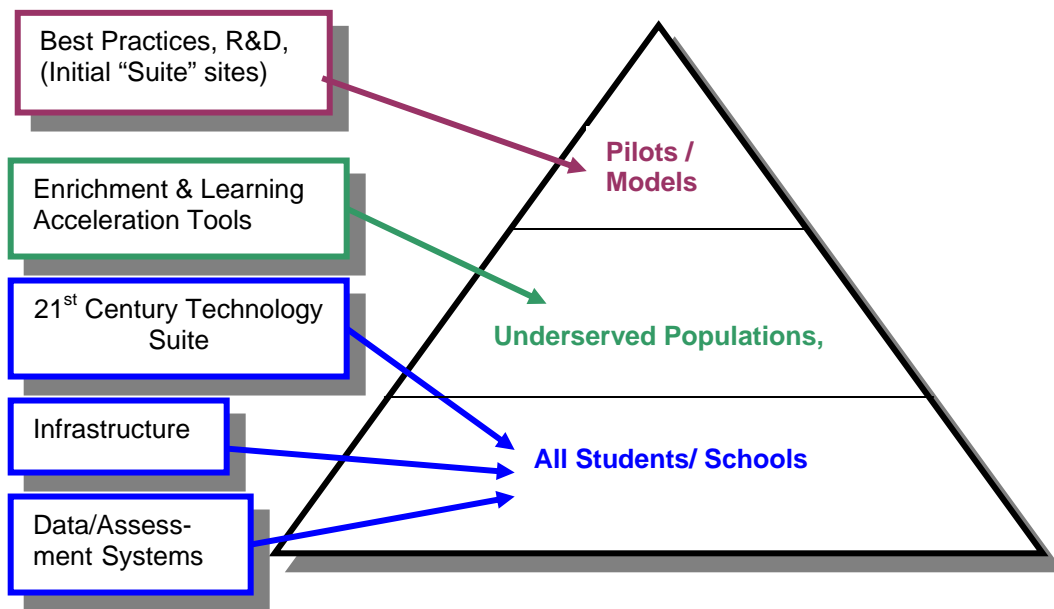
**Key Technology Plan Strategies:** The Technology Plan complies with the guidelines and the EETT rubric established by the California Department of Education and is organized around the

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eight required components: curriculum (that includes a family component), professional development, infrastructure, funding and budgeting, evaluation and monitoring, adult literacy, effective research-based practices and distance learning. Each component addresses current status, needs, goals, objectives, benchmarks, detailed timeline and monitoring.

Nine key strategies, however, give shape to the plan.

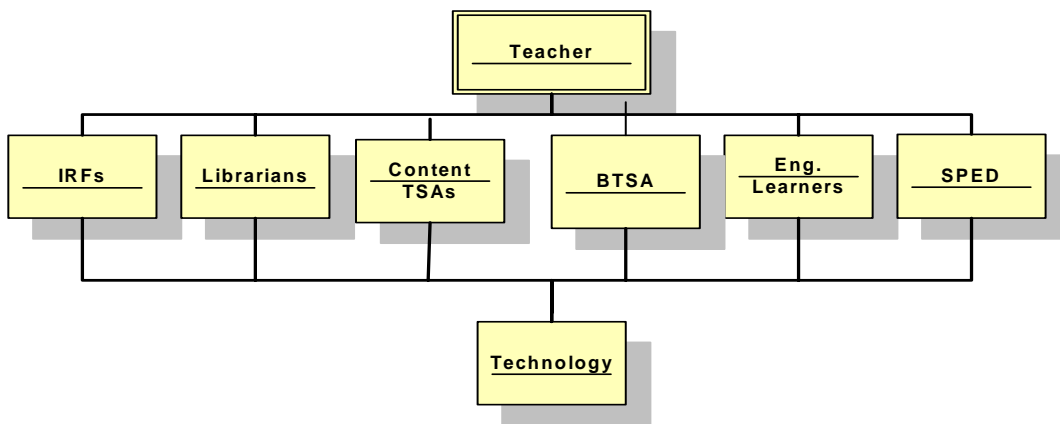
1. **21<sup>st</sup> Century Curriculum** – Technology will be integrated into the planning and implementation of the 21<sup>st</sup> Century Curriculum, the Equity-Centered Professional Development and the Performance Management Initiatives. (*Timeframe: 2009-2012*)
2. **21<sup>st</sup> Century Technology Suite** – All students and teachers will have access to an age-appropriate, standard set of technology tools in the classroom that provide equitable access, engage students and teachers in a global community, and bring a world of resources into the classroom. (*Timeframe: 2009 - Define Suite and Time Table*)



Technology, as an integral part of the curriculum and supported by professional development, will be phased in over the next three years:

- a. **21<sup>st</sup> Century Integrated Science, Arts and Literacy Curriculum Schools** – The Technology Suite will be deployed as the 21<sup>st</sup> Century Integrated Curriculum is implemented at fifteen schools. (*Timeframe: 2009-2012 – five schools per year*)
- b. **Innovation Classrooms/Suites** – A network of Innovation Classrooms will be equipped with the 21<sup>st</sup> Century Technology Suite and staffed by a cadre of teacher leaders. The Innovation Classrooms will serve as lab classrooms, pilot technology integrated curriculum and model best classroom practices. Teachers and their schools would be selected through an application process. (*Timeframe: 2009 – Planning; 2010-2012 – 20 Innovations Classrooms a year*)
- c. **Balanced Score Cards:** Schools will be encouraged to implement technology as appropriate to achieve their goals and objectives and use the 21<sup>st</sup> Century Technology Suite as a target for planning for classroom technology through the BSC process. (*Timeframe: 2009-2012*)

- Build Staff Capacity** – To develop the district’s capacity to provide ongoing, technology-embedded professional development and support for over 3,300 teachers and 300 administrators as they implement a 21<sup>st</sup> Century Curriculum and learn to make technology an integral part of teaching and learning, the Technology Plan calls for a shift in the professional development paradigm over the next few years. A cadre of four technology integration specialists will collaborate with the existing district and site coaches, facilitators and content and professional development specialists in the design and delivery of curriculum and professional development. This collaboration will result in a “critical mass” of district support staff who will learn the process of technology integration and develop proficiency with the tools over time while delivering ongoing technology-embedded professional development and support to teachers in their respective content areas and special programs in the shorter term. *(Timeframe: 2009-2012)*



### **Building Capacity: Site and District Curriculum and Professional Development Leaders**

*(Note: Listed positions are examples only.)*

- Interim Technology Integration Support for Teachers (a.k.a Tech Lead Network)**– While developing the capacity of the curriculum leadership, the plan calls for Interim Technology Teacher Liaisons. Using a common job description, at least one Technology Teacher Liaison will be identified at each site to serve as a liaison between the schools, Academics and Professional Development and Information Technology Departments. The Liaisons will participate in regular technology related professional and curriculum development and serve as the site technology resource person. *(Timeframe: 2009-2012)*
- Standards and Policies** –Technology standards and related policies, such as Acceptable Use, filtering and use of handheld technologies) will be developed or revised to align them with the Technology Plan and 21<sup>st</sup> Century uses of technology for teaching and learning. *(Timeframe: 2009-2010)*
- Parent, Student and School Communications:** A range of technology tools will be used to improve communications between administrators, teachers, students and parents. A re-designed web site will improve content management and navigation and provide consistent, up-to-date school and district information. *School Loop* will be fully deployed, including student and parent portals and e-mails. *(Timeframe: 2009-2010)*
- Infrastructure** – All instructional and administrative rooms will be connected to a robust fiber and wireless with a centralized network management system to lay the foundation for the implementation of the Strategic and the Technology Plans. *(Timeframe: 2009-2011)*

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8. **Systems** - The district will deploy the data systems along with necessary professional development for stakeholders that will (a) improve data quality for state reporting and to increase funding, (b) enable monitoring a throughout the implementation of the Strategic Plan to improve planning and accountability, (c) give site leadership and teachers robust and accessible student data for instructional planning and (d) improve classroom management. These include:
  - a. **Student Nutrition Point of Sale System** (*Timeframe: 2009-2010*)
  - b. **Data Management System** (*Timeframe: 2009-2011*)
  - c. **Student Information System** (*Timeframe: 2009-2011*)
  - d. **School Loop**, including electronic grading and attendance modules (*Timeframe: 2009-2010*)
9. **Funding** – In addition to maximizing state and federal funding for technology (ex. e-rate telecommunications discounts and Enhancing Education through Technology grants) and the parcel tax funding set aside for technology, the district will:
  - Implement procedures to align district and site technology resources towards a common vision of a 21<sup>st</sup> century classroom,
  - Address total costs of ownership of technology, and
  - Seek sponsorships and grants for the deployment of 21<sup>st</sup> Century Integrated Curriculum Schools and Innovation Classrooms throughout the district.  
(*Timeframe: 2009-2012*)