long beach unified school district

Vision

- Improve and extend teaching and learning through the meaningful use of technology in our schools.
- Leverage technology to enable the most efficient and effective administration of K-12 education.

Middle School PLC Special Education Technology Plan 2012

*Butler * Franklin * Hamilton * Jefferson * Lindbergh * Stephens * Washington*

Goals – Provide technology-based learning options to meet the individual learning needs of our middle school PLC students with learning disabilities.

Technology – LBUSD will provide technology materials to help support the middle school PLC Special Education classrooms. This will align with our current Technology Master Plan goal:

- Provide differentiated technology-based learning options to meet individual needs of students; explore alternative delivery of distance learning options for students, and; provide students with anytime/anywhere access to electronic content to support classroom instruction.

Curriculum – Our goal is to utilize technology to reach all our SDC students in various teaching styles to support English Language Learning, Mathematic, and Science concepts aligned with the Star CAPA Blueprints.

Collaboration – Our district and special education sight leaders will seek collaboration with government and corporate agencies to establish funding and curriculum development.

Staff Development - District technology, curriculum, and staff development leaders will provide recurring training and support to the special education teachers and administration through adequate onsite staff training of hardware and software, coupled with effective online support and communication.

Funding – Our district and Special Education sight leaders will collaborate together to find sources of funding through grant writing, corporate education programs, government financing, and budget allocation.

Policies

- Hardware will available to Special Education classrooms and students. Each classroom will have access to a SMART board with short throw projector, laptop, and Interactive Response Devices. Hardware will be available for use during the instructional school day.
- Hardware will be available in each special education classroom. Teachers will effectively integrate the use of the technology into the daily curriculum, and use it on a regular basis after proper training.
- During after-school hours, equipment such as interactive response devices will be properly stored in a secure place of holding ie. cabinet. Teachers, assistants, and administration will have access to these devices.
- Curriculum software will be available for the teachers to use on their laptop, enabling them to develop and design curriculum in the classroom, at home, workshops, and staff development trainings.

Evaluation - Use of the technology will be evaluated formatively in the classrooms on an annual basis by a district tech curriculum leaders, special education curriculum leaders, and site administrators. After two years of training and implementation, a summative evaluation will occur annually

Technology Acquisition

- 18 HP Probook laptops will be purchased. Specs include 2nd Gen i5 processors, 320GB hard drive, 4GB Ram, Wireless N, Bluetooth, and a DVD rewritable drive.
- 18 site licenses for the curriculum software will be purchased and installed on the acquired laptops.
- 18 SMART board and short throw projectors will be purchased and installed in the 6 PLC middle school special education classrooms.
- 288 Interactive Response Devices (18 Classrooms x 16 students) will be purchased and distributed.

Technology Integration into the Classroom

- The laptops and software will be used to design and implement differentiated instruction in the special education classrooms. Assessment data will also be gathered and stored on the device.
- Interactive SMART board learning objects will provide visual, auditory, and kinesthetic support to the classroom curriculum.
- Interactive Response Devices will engage learners into the curriculum, provide assessment data, and support students will visual and motor disabilities.

Staff Development

- Select LBUSD Technology and Special Education Curriculum leaders will attend Smart Technologies events for SCIT (teacher) and SCLD (lesson developer) training.
- Smart Technology trained district personnel will provide onsite training for teachers and administration.
- Smart Technology trained district personnel will provided district wide and online support for special education teachers.
- Teachers will have access to resources and training provided by the Smart Technology website and similar community sites.

Collaboration

- Teachers, District Tech Personnel, and Curriculum Leaders will collaborate with Smart Technologies to provide adequate training and access to online resources.

Resources

- District classrooms are equipped with high speed Ethernet for network access, data uploading to the SIS, etc.
- The district uses Schoolloop, a LMS were teachers can upload content and media for students to access at home.
- Classrooms are already equipped with document cameras and audio speakers which can be integrated to support teacher's implementation of the curriculum and provide visual and auditory support for the learners.
- The laptops come are equipped Windows 7 Professional and Office starter editions.

Funding Sources

- Ideally, the majority of funding would come from grants. Grant proposals would be submitted, but not limited to, the following organizations:

  SafeWay Foundation * CVS Caremark All Kids Can * HP Edtech Innovators Award * School Improvement Grant * Investing in Innovation Fund

- Further funding would be provided by LBUSD and/or could be purchased through government backed financing

Item	Purpose	Quantity	Cost	Total
HP ProBook 4530s	Instruction design, creation, and implementation. Data analysis and synchronization. Mobile for greater productivity.	18	840.00	$15,120.00
SMART Board 685ix interactive whiteboard system	Visual and kinesthetic learning object. Displays and engages curriculum.	18	4,000.00	$72,000.00
SMART Response LE interactive response system (18 Receiver Package)	Engages students in learning. Provides valuable formative and summative assessment data.	18	1,300.00	$23,400.00
SMART Classroom Suite interactive learning software	Design and develop curriculum.	Site Licenses Package 16-20	860.00	$860.00
SMART Ideas concept-mapping software	Support the development and design of curriculum.	18 Licenses	60.00	$1,080.00
			Total	**$112,460.00**

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