



KELLER ISD MISSION STATEMENT

The Keller Independent School District, with an unwavering commitment to excellence and in partnership with our community, will achieve the highest standards of performance by providing exceptional educational opportunities for all students.

Proposed New High School Course Offerings for 2007-2008

Course Title	Description	Rationale	Budget Impact:	L= Local S=State I=Innovative
Exit Level TAKS preparatory course – offered in Math and Science	This course focuses on the TEKS-based concepts and skills that are taught in Math, and Science, and tested on the Exit Level TAKS. Concepts are presented in a variety of ways, using strategies that promote greater retention. Students experience learning at the cognitive rigor mandated by the TEKS and necessary for success on TAKS.	This course is designed to prepare students who failed Exit-Level TAKS to meet passing standard during their senior year.	None	PEIMS: Locally developed course Grade: 12 Credit: 1 Local
Reading Applications	This course focuses on the TEKS-based concepts and skills that are taught in ELA and tested on the Exit Level TAKS. Concepts are presented in a variety of ways, using strategies that promote greater retention. Students experience learning at the cognitive rigor mandated by the TEKS and necessary for success on TAKS.	Exit Level TAKS Preparation is designed to help students who have failed to demonstrate proficiency on the Exit Level TAKS.	None	
Reading I	This course enhances the reading skills of students who need additional strategies for learning	This course is designed to prepare 9 th Grade students who failed Grade 8 ELA TAKS to meet TAKS passing standards in		PEIMS#: 03270700

	<p>from texts in all curriculum areas. Students will apply a variety of word recognition strategies and build an extensive vocabulary through systematic word study. Emphasis includes summarization, identifying key ideas, and drawing inferences and conclusions. Students will read silently and orally with fluency and comprehension in increasingly demanding texts. Students will also create personal responses to a variety of texts reflecting diverse cultures and research topics of interest by reviewing and evaluating print and non-print sources.</p>	<p>high school.</p>		
<p>Scientific Research and Design: Forensics</p>	<p>This science course focuses on various aspects of forensic science and modern criminal investigation analysis. Topics in Forensic Science include: ballistics, DNA analysis, fingerprint and trace evidence interpretation, toxicology and forensic anthropology. This knowledge will be applied to crime scene investigation. In addition, students will learn the tools, technology and laboratory techniques utilized in modern day forensic analysis.</p> <p>Recommended Prerequisites: IPC, Biology and Chemistry</p>	<p>A course in forensics will support and enhance student achievement on the TAKS test by addressing, applying, and reinforcing the TEKS in biology, chemistry, physics, and mathematics objectives. Through applied academic rigor the students will become more accountable for their educational success, resulting in higher achievement. By instituting a forensics curriculum, students will have the opportunity to enroll in a class that will expand their interest in the field of scientific inquiry.</p>	<p>Equipment costs: \$10,000</p>	<p>PEIMS #: 12112120</p> <p>Grade: 12</p> <p>Credit: 1</p>

<p>Pre-AP Spanish I</p>	<p>This course is designed to aggressively initiate the AP Spanish student to the overall AP Spanish program. In addition to learning broad vocabulary from a wide variety of sources, the student will learn the present and preterit tenses as well as a host of grammatical structures, constructions and tools for communication. Students will develop all skills in reading, listening, writing and speaking and will utilize each of these skills as they are regularly tested in the AP exam format.</p>	<p>Students in Spanish I are a mixed group, some of whom are interested in pursuing an aggressive approach to foreign languages, culminating in AP tests. Others are enrolled in Spanish I to simply satisfy graduation requirements and have no intent of going beyond Spanish II. Due to these varied levels in Spanish I, the pace of the course inevitably moves slower. Once students arrive in Spanish II Pre-AP, they are behind the AP syllabus schedule, which greatly postpones the opportunity for acquisition. Thus the learning delay is passed on from one level to the next.</p>	<p>None</p>	<p>PEIMS#: 03440100Q Grades: 8-9 Credit: 1</p>
<p>Principles of Technology I (Grades 10-12)</p>	<p>An applied physics course designed to provide a study in force, work, rate, resistance, energy, power, and force transformers as applied to mechanical, fluid, thermal, and electrical energy that comprise simple and technological devices and equipment. The course reinforces the mathematics applications a student needs to understand to apply the principles being studied.</p>	<p>Principles of Technology I is a course to offer because of the new Texas High School graduation requirements. More students than ever will be taking science lab classes. School districts must meet this increasing demand. Principles of Technology I meets the graduation requirement credit for Physics in both the Recommended and Distinguished Achievement Programs. The course is TAKS oriented because: it is based on the TEKS for Physics, enhances students' math skills, re-enforces Algebra TEKS, stresses writing skills, and improves TAKS scores. Principles of Technology I is activity focused and uses the tools and equipment found in today's jobs. The main reason to teach Principles of Technology I is because the knowledge and skills learned are relevant to the products we use and the higher paying</p>	<p>Schools generate Career Technology Education funding for teaching Principles of Technology I. The course is approved for statewide articulated credit. Any classroom that has access to 115 volt electrical power, water, drain, and compressed air (portable air compression) can be used. The room does not have to be a traditional science la classroom. Principles of Technology I may be taught by</p>	<p>State Peims#12382820 Grades: 10-12 Credit: 1</p>

		jobs our students seek which equal student success.	technology education teachers, physics teachers, or science teacher that have a science composite, once they have completed the state approved two week approved Principles of Technology workshop. The cost of setting up a classroom with equipment, furnishings and learning materials is \$10,000.	
Pathophysiology (Grades 11-12)	In this course students conduct laboratory investigations and fieldwork, use scientific methods during investigations, and make informed decisions using critical thinking and problem solving. Students study disease processes and how humans are affected. Emphasis is placed on prevention and treatment of diseases. Students will differentiate between normal and abnormal physiology. The course must include at least 40% laboratory investigation and field work using appropriate scientific inquiry.	Students continue to enhance their learning with the addition of this course. Pathophysiology will count as one-half science credit for the Recommended High School Plan and the Distinguished Achievement Plan Students will have another choice of a science elective that aligns with the Health Science Technology coherent sequence of courses.	The district already employs the teacher to teach this course. All supplies and equipment needed for the class will be purchased with Career Technology Education local and federal funds.	State Peims#12112150 Grades: 11-12 Credit: 1

Mental Health (Grades 11-12)	<p>This course is an introduction to mental health services, careers history, agencies, current issues, and the difference between functional and dysfunctional behavior. Students develop an awareness of the factors that affect mental health by exploring traditional and emerging treatment modalities.</p>	<p>The health care industry is comprised of diagnostic, therapeutic, informational, and environmental systems that function individually and collaboratively to provide quality health care. Members of the health care team must understand their role and how it relates to the overall health care industry. This one-half credit course will expand the CTE Health Science Technology program. This course provides specialized multi-occupational knowledge and skills unique to health careers.</p>	<p>The district already employs the teacher to teach this course. All supplies and equipment needed for the class will be purchased with Career Technology Education local and federal funds. Schools generate Career Technology Education funding for teaching Mental Health. The course is approved for statewide articulated credit.</p>	<p>State Peims #12121260</p> <p>Grades: 11-12</p> <p>Credit: 1</p>
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Proposed New Middle School Course Offerings for 2007-2008

Course Title	Description	Rationale	Budget Impact:	L= Local S=State I=Innovative
English 7 Pre-AP (same as current enriched)	<p>This course focuses on written composition, grammar components, and the development of advanced thought processes. Students participate in several independent and group projects. They write for a variety of audiences, in a number of formats, and for varied purposes, including to inform, to persuade, and to</p>	<p>To ensure that KISD advanced academic courses are aligned with College Board standards.</p>		<p>PEIMS: 03200520</p> <p>Grade: 7</p> <p>Full-year course</p>

	<p>entertain. Compositions prepare students for exemplary performance on TAKS and for literature interpretation standards in the AP program. Throughout the course, students follow the steps of the writing process and utilizing self, peer, and teacher evaluations to revise writing. Integrated multicultural literature studies will also be used as stimuli or models for writing. Improvement in grammar is approached by emphasizing higher level thinking for writing. Instruction includes research and listening skills.</p>			
<p>English 8 Pre-AP (same as current enriched)</p>	<p>Instruction emphasizes literary analysis, research projects and writing for purpose. Students read longer literary selections with special emphasis on classic and modern literature. In addition, students are required to meet specific independent reading requirements. Integrated studies related to multi-cultural novel and drama selections are incorporated into the curriculum. This challenging class prepares students for entering the Pre-Advanced Placement</p>	<p>To ensure that KISD advanced academic courses are aligned with College Board standards.</p>		<p>PEIMS: 03200530 Grade: 8 Full-year course</p>

	English program at the high school level. Required Summer Reading			
Reading Explorations	This course will provide opportunities to improve students' reading skills with a focus on reading comprehension. Students will read both texts selected by the teacher and books of their choosing to explore their interests. Students will have the opportunity to participate in in-class discussions and to present their review of various books to the class.	This course would present students the opportunity to read for personal enjoyment, and to develop their reading and comprehension skills by selecting and reading things that are of interest to them.	Costs of 1-2 class sets of books	PEIMS#: locally developed course Grade: 8 1 Semester class
Conversational French	Students will be introduced to the diversity of the Francophone world and provided with real world experiences in speaking, listening, reading and writing. There will be some homework in this course. This course is an introduction to the language and does not guarantee admission into French I for high school credit in the 8 th grade. It is not a prerequisite for French I.	To provide more varied world language offerings, and grow the number of students taking French in high school.	Staffing costs	
Gateway To Technology (Grade 8)	Gateway To Technology (GTT) is a year long elective course which uses a hands-on approach to show students how technology is used in engineering to solve everyday problems, and to expose students to a broad overview of the field of technology and its related processes. The instructional units	Gateway To Technology is part of Project Lead The Way (PLTW) which is a 501 (3) not-for-profit national organization, established in 1997 to help schools give students the knowledge they need to excel in high-tech fields, such as engineering and engineering technology. Project Lead The Way is committed to preparing an	Gateway to Technology is a Career Technology Education course. All supplies and equipment needed for the class will be purchased with Career Technology Education	Innovative Peims#N1237200

	<p>motivate students to use their imaginations, and teach them to be creative and innovative. This math, science, and technology integrated program relates technology to students' daily lives, while helping them develop skills that will enable them to be better prepared for rigorous academic high school curriculum. Units of study include: Design and Modeling, The Science of Technology, The Magic of Electrons, and Automation and Robotics.</p>	<p>increasing and more diverse group of students to successfully pursue these fields at the post-secondary level. To accomplish this goal, PLTW has created two programs. The first is Gateway To Technology, a five-unit middle school program designed to help students explore mathematics, science, and technology. It is taught in conjunction with rigorous, academic, middle school courses and adheres to the national standards in mathematics, science, technology, and English.</p>	<p>local and federal funds. The estimated cost for setting up the course is as follows: At Trinity Springs MS \$22176.00 At Indian Springs MS \$53247.34</p> <p>Any teacher with a valid secondary certificate that has the technology knowledge and skills to teach the course. (i.e.) Technology Education, Math, Science, or the new Math/Physical Science Engineering</p>	
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Proposed Deleted High School Course Offerings for 2007-2008

Course Title	Description	Rationale	Budget Impact:	L= Local S=State I=Innovative
<p>Dual Credit Calculus (TCC Math 2513)</p>		<p>TCC is no longer offering Dual Credit to any students in the area of mathematics</p>		
<p>Dual Credit College Algebra (TCC Math 1314)</p>		<p>TCC is no longer offering Dual Credit to any students in the area of mathematics</p>		
<p>Dual Credit</p>		<p>TCC is no longer offering Dual Credit to</p>		

Trigonometry (TCC Math 1316)		any students in the area of mathematics		
English I – W English II – W, English III – W English IV – W; Geometry – W, Algebra II – W, Pre-Calc. – W; World Geography – W, World History – W, US History – W		The weighting of core content courses will be eliminated in the 2007-2008 school year. The remaining courses will become the general education courses in each of the four core content areas.		

Proposed Deleted Middle School Course Offerings for 2007-2008

Course Title	Description	Rationale	Budget Impact:	L= Local S=State I=Innovative
English 7, 8 Enriched (moves to English 7, 8 Pre-AP)		This course is now Pre-AP English 7, 8		
Literature studies		Literature studies is now integrated into the English 7 Curriculum.		

Computer Literacy		The technology applications TEKS will be integrated into the curriculum for four core content courses beginning in 2007-2008.		
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