



Harlingen CISD Technology Standards

Level One Standards

Each teacher will:

- Turn in lesson plans electronically (principals approve lesson plan format/substitutions)
- Create and present two presentations using a visual presentation tool (i.e. PowerPoint) (minimum 8 slides) (collaboration encouraged)
- Use email
- Use a computerized grading package (i.e. Making the Grade) (substitutions are allowed, i.e. GT, PK, K, music, HOSTS, special education)

Level Two Standards

- Campus staff maintains Level One standards
- Campus has an updated website
- Elementary – 2nd and 3rd grade students are practicing keyboarding skills; 4th and 5th grade students turn in at least one word-processing project
- Middle School – Students use the internet for information literacy skills; students produce at least one visual presentation (i.e. PowerPoint) at 6th, 7th, and 8th grade; students produce at least 3 word-processed papers at 6th, 7th, and 8th grade
- High School – students produce at least one visual presentation (i.e. PowerPoint, multimedia) at 9th, 10th, 11th, and 12th grade; students produce at least two word-processed assignments for all subject areas at 9th, 10th, 11th, and 12th grade; and students use Internet for research

Level Three Standards

- Campus maintains Level One and Level Two standards
- Teachers post grades and student progress reports online upon parent request
- Each teacher will create and present a lesson using spreadsheet software to analyze information appropriate to grade level. (Substitutions approved by principal) (Collaborative and group projects encouraged)
- Each teacher will provide and supervise an interactive technology environment, such as simulations, electronic science or mathematics laboratories, virtual museum field trips, or on-line interactive lessons, to manipulate information.
- Each grade level or department has posted best practices on the campus website (i.e. specific lesson plans, webquests, PowerPoint presentations that teachers have found to be particularly effective)
- Campus participates in a multimedia competition (i.e. Campus level, Academic Olympics, District Competition)

Level Four Standards

- Campus maintains Levels One, Two, and Three
- Students use spreadsheet software to analyze information appropriate to grade level for grades 3 – 12 (TEKS Chapter 126)
 - Students in grades 3 – 5 use simple spreadsheets to analyze information and then produce a simple pie or bar chart graphic (No formulas or mathematical calculations necessary) (one per grade level). Minimum 4

- column and 4 row spreadsheet. (ie. How many students were born in each of the 4 seasons)
- Students in grades 6 – 8 use spreadsheets to analyze information and then produce a pie or bar chart graphic (one per grade level). Minimum 6 column and 6 row spreadsheet with formulas to perform simple mathematical calculations. (i.e. Students analyze how many cups of lemonade they would have to sell per week to make a total of \$10, \$20, \$30 per month)
- Students in grades 9 – 12 use spreadsheets to analyze information and then produce line and bar charts that compare and contrast information over time (one per grade level). Minimum of 10 column and 10 row spreadsheet with formulas to perform mathematical calculations. (i.e. Develop a budget for two households to compare incomes and expenses – outcome develops an understanding of money management.)
- Teachers will develop and present interactive visual communication presentations that include audio, video, teacher-generated graphics, and teacher-generated pictures using digital cameras

Level Five Standards - Draft

- Campus maintains Levels One, Two, Three, and Four
- Students develop interactive visual communication presentations that include audio, video, student-generated graphics, and student-generated pictures using digital cameras for grades 3 – 12 (TEKS Chapter 126)
 - Students in grades 3 - 5 use microphones to record sounds, take digital pictures, and use student generated graphics to produce an interactive (a single slide must have the option to link to at least 2 other slides... ie. Buttons) visual communication presentation. (Collaboration and group projects encouraged) (One per grade level)
 - Students in grades 6 - 8 use microphones to record sounds, take digital pictures, record video, and use student generated graphics to produce an interactive (two slides must have the option to link to at least 2 other slides... ie. Buttons) visual communication presentation. (Collaboration and group projects encouraged) (One per grade level)
 - Students in grades 9 - 12 use microphones to record sounds, take digital pictures, record video, and use student generated graphics to produce an interactive (two slides must have the option to link to at least 3 other slides... ie. Buttons) visual communication presentation. (Collaboration and group projects encouraged) (One per grade level)

Incentives –

Level Two – Day Off (May 3, 2004)
 Level Three – \$5,000 + Day Off
 Level Four – \$8,000 + Day Off