

Galena Park Independent School District Galena Park ISD: Science District Improvement Plan

2008 - 2009

Date Submitted: 04/24/2008 09:39 AM

(printed on 05/07/2008)

Section 1 - Introduction

1. **District:** Galena Park ISD: Science
2. **Location:** , TX
3. **Budget Manager:** David Fillman, Program Director for Science
4. **District Advisory Team:**

David Fillman
Maryland Hendrix
Lindsay Fagan
Rocio Munoz
Loyce Manahan
Nancy Monroe
Lorrie Gonzales
Sophia Cantu
Dodie Resendez
Rebecca Bouttee
Sima Mathew
Gloria Reche

5. **District Mission/Vision Statement:**

Mission: The mission of the GPISD science program is to provide hands-on, minds-on science instruction that improves our students ability in science and their attitude toward science. Success on TAKS is viewed as our minimal goal, with SAT and AP tests being the truer target of where we expect students to excel.

Section 2 - Needs Assessment

1. **Where We Have Been:**

Much work has been put into aligning the curriculum and the TEKS. Benchmark tests have been developed for grades 2-12. IFA's have been refined for grades 1-12 (1-5 in Spanish). Three elementary and two secondary specialists assist with classroom instruction, teacher observation, and curriculum revisions. Budgets have been adequate to provide the resources necessary for the implementation of science. Elementary test scores have always been above state average. Exit scores are adequate, but 10th grade scores are very low. 8th grade scores are near the state average.

2. **Where We Are Now:**

The curriculum, IFA's and benchmarks are still in use in all grade levels. The elementary specialists developed a reading passage for each week of school (English and Spanish) that centers on a science topic and comes with TAKS-like questions (for grades 3-5). This year, they developed colored flash cards for grades 1-5 to help teachers review instruction. Each secondary campus now has a district science specialist on their campus 80% of the time. These specialists developed mini-assessments for grades 6-11 that are given every three weeks. Data meetings are held with principals and AP's after each assessment to debrief the test. 8th grade science has been added to testing and students scored 10 points below state average. We continue to work with individual students who have not passed the EXIT test to help them graduate.

3. **Where We Are Going:**

Signature labs in the secondary curriculum will ensure that all students receive similar instruction and activities. A great deal of specificity is being added to both the elementary and MS curriculum guides. The weekly agendas that we sent out last year will come with small weekly quizzes to monitor progress throughout the year. Extreme focus will be on the 12 8th grade teachers who are responsible for the scores of all 1500 8th graders. The secondary science specialist position has been restructured so that there is one dedicated to each campus. With this year being devoted to creating and improving assessments and curriculum, next year should see these specialists spending much time in the classroom focusing on improving classroom instruction.

Section 3 - Overview of Goals and Objectives

The goals for Galena Park ISD: Science for the 2008 - 2009 school year are as follows:

Goal 1: Excellence in Student Performance

To achieve excellence in student performance

Objective 1.1:

Section 4 - Action Plan

Goal 1: Excellence in Student Performance
 To achieve excellence in student performance
Projected Date of Completion of Goal: 06/2006

Rationale/Correlation

There is no Rationale/Correlation on record for this goal.

Objective 1.1:

| Action ID | Action Statement Start & Finish Dates | Primary Responsibility (Person) and Target Population and # Served | Resources Required and Source of Funding (\$ amounts) Budget Amount & Source | Indicators of Success Priority & Progress |
|-----------|--|--|--|---|
| 1.1.1 | Monitor implementation of IFA's& curriculum for Grades 1-12 <i>Start: 08/2006</i> <i>Frequency: ongoing</i> <i>Finish: 05/2008</i> | <i>Responsibility:</i> David Fillman <i>Target Population:</i> Grades 1-12 | <i>Resources:</i> Observation Forms <i>Budget amount:</i> \$0.00 <i>Source:</i> Other (999-9) : None | <i>Indicators of Success:</i> IFA report sheets <i>Priority:</i> High <i>Progress:</i> In progress |
| 1.1.2 | Item analysis and instructional feedback of grade 2-8 district benchmark science tests, IPC, 10th, & 11th grade benchmarks, and TAKS 5, 8, 10, and 11 grade tests. <i>Start: 10/2007</i> <i>Frequency:</i> each grading period <i>Finish: 05/2008</i> | <i>Responsibility:</i> David Fillman/Dept. Chairs/Science Specialists <i>Target Population:</i> Grades 2-11 | <i>Resources:</i> None <i>Budget amount:</i> \$0.00 <i>Source:</i> Other (999-9) : None | <i>Indicators of Success:</i> Understandable testresults. <i>Priority:</i> High <i>Progress:</i> In progress |
| 1.1.3 | Provide resources for teachers to attend Region IV and other training. <i>Start: 09/2007</i> <i>Frequency:</i> ongoing <i>Finish: 06/2008</i> | <i>Responsibility:</i> David Fillman <i>Target Population:</i> All Teachers | <i>Resources:</i> Federal Funds <i>Budget amount:</i> \$20,000.00 <i>Source:</i> Other (999-9) : | <i>Indicators of Success:</i> Number of teachers attending. <i>Priority:</i> High <i>Progress:</i> In progress |

| | | | | |
|-------|---|---|---|--|
| 1.1.4 | <p>Refine science lab lessons with elementary science lab teachers for grades 1-5.</p> <p><i>Start:</i> 08/2007 <i>Frequency:</i> ongoing <i>Finish:</i> 06/2009</p> | <p><i>Responsibility:</i> David Fillman/Science Specialists</p> <p><i>Target Population:</i> 2-5 students</p> | <p><i>Resources:</i> Local funds</p> <p><i>Budget amount:</i> \$500.00</p> <p><i>Source:</i> Other (999-9) : Local funds</p> | <p><i>Indicators of Success:</i> Lesson plans for science lab lessons</p> <p><i>Priority:</i> High</p> <p><i>Progress:</i> In progress</p> |
| 1.1.5 | <p>Coordinate curriculum development, alignment with TAKS, and unit development.</p> <p><i>Start:</i> 09/2007 <i>Frequency:</i> ongoing <i>Finish:</i> 06/2008</p> | <p><i>Responsibility:</i> David Fillman</p> <p><i>Target Population:</i> All Students</p> | <p><i>Resources:</i> Local funds</p> <p><i>Budget amount:</i> \$1,000.00</p> <p><i>Source:</i> Other (999-9) : Local funds</p> | <p><i>Indicators of Success:</i> Curriculum Document</p> <p><i>Priority:</i> High</p> <p><i>Progress:</i> In progress</p> |
| 1.1.6 | <p>Coordinate science course sequence with high school counselors, principals</p> <p><i>Start:</i> 08/2007 <i>Frequency:</i> each grading period <i>Finish:</i> 03/2008</p> | <p><i>Responsibility:</i> David Fillman</p> <p><i>Target Population:</i> High school students</p> | <p><i>Resources:</i> None</p> <p><i>Budget amount:</i> \$0.00</p> <p><i>Source:</i> Other (999-9) : None</p> | <p><i>Indicators of Success:</i> Planner report</p> <p><i>Priority:</i> High</p> <p><i>Progress:</i> In progress</p> |
| 1.1.7 | <p>Coordinate supervision and staff development for elementary science lab teachers</p> <p><i>Start:</i> 08/2007 <i>Frequency:</i> ongoing <i>Finish:</i> 05/2008</p> | <p><i>Responsibility:</i> David Fillman</p> <p><i>Target Population:</i> All Teachers and all Students</p> | <p><i>Resources:</i> None</p> <p><i>Budget amount:</i> \$0.00</p> <p><i>Source:</i> Other (999-9) : None</p> | <p><i>Indicators of Success:</i> Professional growth forms</p> <p><i>Priority:</i> High</p> <p><i>Progress:</i> In progress</p> |
| 1.1.8 | <p>Coordinate staff development for all elementary and secondary science teachers.</p> <p><i>Start:</i> 08/2007 <i>Frequency:</i> ongoing <i>Finish:</i> 06/2008</p> | <p><i>Responsibility:</i> David Fillman</p> <p><i>Target Population:</i> All Teachers</p> | <p><i>Resources:</i> Copying, binders</p> <p><i>Budget amount:</i> \$1,000.00</p> <p><i>Source:</i> Other (999-9) : Local funds</p> | <p><i>Indicators of Success:</i> Evaluation forms</p> <p><i>Priority:</i> High</p> <p><i>Progress:</i> In progress</p> |

| | | | | |
|--------|--|---|--|--|
| 1.1.9 | <p>Secondary specialists will work closely with the science teachers on their campus to improve instruction.</p> <p><i>Start:</i> 08/2007 <i>Frequency:</i> each grading period <i>Finish:</i> 06/2009</p> | <p><i>Responsibility:</i> David Fillman/Elementary and Secondary Specialists</p> <p><i>Target Population:</i> All Teachers</p> | <p><i>Resources:</i> Training materials, books, copying</p> <p><i>Budget amount:</i> \$1,000.00</p> <p><i>Source:</i> Other (999-9) : Local budget</p> | <p><i>Indicators of Success:</i> Evaluation Forms</p> <p><i>Priority:</i> High</p> <p><i>Progress:</i> In progress</p> |
| 1.1.10 | <p>Examine data from assessments and mini-assessments to identify strengths and weaknesses in instruction, curriculum, and assessment.</p> <p><i>Start:</i> 09/2007 <i>Frequency:</i> ongoing <i>Finish:</i> 05/2009</p> | <p><i>Responsibility:</i> David Fillman, Secondary Science Specialists, Science Assistant Principals</p> <p><i>Target Population:</i> All Teachers and all Students</p> | <p><i>Resources:</i> Printing and copying</p> <p><i>Budget amount:</i> \$100.00</p> <p><i>Source:</i> Other (999-9) : Local budget</p> | <p><i>Indicators of Success:</i> Student success on district assessments and improved instruction</p> <p><i>Priority:</i> High</p> <p><i>Progress:</i> In progress</p> |