

2007-2008 Assessment Summary Report

Results of Item Analysis

Campus: MacArthur Sr. High School
 Assessment: 3rd Six Weeks - Benchmark Test (Due tp Area Supt. 1/25)

Science

Grade Level /Course	IPC
Strengths	1 Students are able to identify lab equipments and make measurements. 2 Students are able to analyze graphical information. 3 Students are able to analyze pH scale and apply acid-base properties.
Weaknesses	As seen in previous TAKS data, IPC 9A is one of the lowest performing SE. Properties of water needs to be addressed. Data trends show that giving 4 pictorial answer choices, students score low. Not sure if students are struggling analyzing 4 choices or do not understand gas solubility. 3 Interpreting data tables (level 3 type of question)

Grade Level /Course	Chemistry
Strengths	1 Students are able to apply safety rules to situations. Students are able to correctly use the periodic table to a variety of questions such as periodicity and electron configurations. 2 3 Students are familiar with physical and chemical changes.
Weaknesses	1 Students are struggling in writing formulas and naming compounds. 2 Students are not able to convert from one unit to another using dimensional analysis. 3 Properties of elements and compounds needs to be reviewed.

Grade Level /Course	Physics
Strengths	1 Students are able to analyze how experimental errors affect data. 2 Students understand the concept of displacement. 3 Students understand Newton's Laws of Motion.
Weaknesses	1 Students struggle with applying force to real life situations such as balloons 2 Students need review in tension forces. 3