T-STEM Academy Bridge

August 2021

Program Description:

This two-day program will prepare students for the Reading Writing and Math portions of the TSI Assessment (TSIA) using the companion hands-on activity sets: Invention camp to meet college-ready standards to allow students to take some college courses while in high school.

| Instructional  Units | Schedule | | Purpose | Resource(s) |
| --- | --- | --- | --- | --- |
| Day 1 | 10 min- | Attendance |  |  |
| 90 min | TSIA- Reading  Preparation & Instruction | • To get to know students and to allow them an opportunity  to self-assess the type of student they are, their learning styles, habits and character  • To explain to students what the TSIA is and its importance  • To explain the 4 content areas of the TSIA Reading & to review general reading test-taking strategies  • To explain general, highly effective reading strategies:  ⮚ Cause and Effect  ⮚ Context | Education Planner: Online Self-Assessments to type of student, learning style, habits and character (Click Download Worksheet to have hard copies)  http://www.educationplanner.org/students/self  assessments/index.shtml  TSIA information:  http://www.collegeforalltexans.com/index.cfm?objectid=631 76344-FFFA-217B-60C9A0E86629B3CA  Short TSIA YouTube video, TSI ASSESSMENT-WHAT TO EXPECT http://www.helpfulteachertips.com/tsi-assessment.html  TSI Student Informative Brochure (Updated 2017) TSI Sample Questions  Knowsys TSI Verbal (p.73-81)  YouTube video explaining/showing how these general reading strategies can be demonstrated/taught:  https://www.youtube.com/watch?v=FjbJMJydaNo |

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|  |  |  | ⮚ Different Perspectives from  Different Authors | Student will use Reading Strategies Note Catcher to keep information about the strategies in one place, as they will continue to add information |
| --- | --- | --- | --- | --- |
|  | 60 min | TSIA-Writing  Preparation & Instruction | • To explain the 5 content areas of the TSIA Writing:  ⮚ Essay Revision  ⮚ Agreement  ⮚ Sentence Structure  ⮚ Sentence Logic  ⮚ The Essay  • To review and explain TSI Essay and Writing Rubric  • To understand the Writing Rubric by scoring sample essay | Knowsys TSI Verbal (p.1-4)  Knowsys TSI Verbal (p.53-56)  Knowsys TSI Verbal (p.58-59) |
| 45 min- | Lab-*Shmoop* | • To set up student and teacher accounts for Shmoop (Reading & Writing Drills & Accuplacer  practices) | Shmoop-Computer Lab Acct SetUp Instructions |
| 5 min- | Closure | • To take care of logistical  items/transition time/closure |  |
| Day 2 | 10 min- | Attendance |  |  |
| 90 min | TSIA- Reading Preparation & Instruction | • To explain general, highly effective reading strategies:  ⮚ Historical Context  ⮚ Inductive & Deductive  Reasoning  ⮚ Inference | YouTube video explaining/showing how these general reading strategies can be demonstrated/taught:  https://www.youtube.com/watch?v=FjbJMJydaNo  Student will use Reading Strategies Note Catcher to keep information about the strategies in one place, as they will |