


Organization Name	 COMMUNITY EDUCATION adult academic	Robbinsdale Area Schools Adult Academic Program
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Class or Program Name	GED Science				
<i>Class Site(s)</i>	Sandburg Learning Center			<i>Program Area</i>	GED
<i>Student Placement Level(s)</i>	High Intermediate ABE	<i>Class Assessment(s)</i>	TABE	<i>Score</i>	Reading: Form D, 6.0+
<i>Class Led By</i>	Paid Teacher	<i>Delivery Style</i>	Class		
<i>Class Goals</i>	<p>This preparatory class is designed to provide instruction to help learners successfully complete the Science portion of the GED. The learner will develop and use information and knowledge needed to interpret, apply, analyze, and evaluate concepts in science in order to pass the GED test, to build success with science in everyday-life situations and in post-secondary education. Technology utilization and lab activities will be incorporated into the class.</p> <p>Specifically, the student will be able to:</p> <ul style="list-style-type: none"> • Comprehend scientific presentations and experimental design. • Express scientific information. • Work with findings and evaluate conclusions with evidence. • Express scientific theories. • Apply probability and statistics to scientific data. • Read and interpret graphs, charts and other data representations. • Utilize study skills in organization, note-taking and test-taking strategies. 				
<i>Class Content</i>	<p>The student will utilize the skills listed above in the following content areas:</p> <p>Life Science</p> <ul style="list-style-type: none"> • Human body and Health • Energy flows in ecosystems • Organization of Life (Structure and function of life) • Molecular basis for heredity • Evolution 				

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	<p>Physical Science</p> <ul style="list-style-type: none"> • Conservation, transformation, and flow of energy • Work, motion, and forces • Chemical properties and reactions related to living systems <p>Earth and Space Science</p> <ul style="list-style-type: none"> • Interactions between earth's systems and living things • Earth and it's system components and interaction • Structures and organization of the cosmos
<i>Class Activities</i>	<p>Day classes: 2 days per week, 1 hour per day, for a 10-month school year Evening classes: 2 evenings per week, 1 hour per evening, for a 10-month school year</p> <p>Review of learning goals/objectives, accessing/activating prior knowledge, presentation of new information, application of new knowledge, and generalization of what has been taught. Activities may include direct teacher instruction and modeling, cooperative learning/group work, pair and share, independent, work, guided practice, class discussions, development/practice of learning strategies, in-class laptop computer learning activities, lab activities and demonstration of learning objectives through formal/informal assessments.</p>
<i>Class Text(s), Educational Technology, & Other Instructional Materials</i>	<p>Steck-Vaughn GED Prep Series McGraw Hill Contemporary's GED Prep Series McGraw Hill Common Core GED Prep Series PBS Learning Media: www.pbslearningmedia.org; TV 411: www.tv411.org Readings from newspapers and science journals Lab materials and manipulatives</p>