

Basic Skills 038CE

GED Preparation: Science

BSICKL 038CE GED PREPARATION – NON-CREDIT Prerequisite: None | Lecture: 4 hours

Designed to strengthen the student's test taking skills and prepare them for the General Educational Development (GED) exam. Provides instructions that develops the student's ability to take standardized tests in the areas of reading, Social Studies, Math and Science.

Student Learning Outcomes: Science

SLO#1: Students will show understanding science concepts, ability to read graphs and charts displaying scientific data, and use reasoning to interpret science information.

The questions for this test will be selected by the instructor and will reflect understanding science concepts, ability to read graphs and charts displaying scientific data, and use reasoning to interpret science information

ILO: Critical Thinking

SLO GRADING RUBRIC

Since this is a Non-Credit Course, no letter grades are issued. However, progress indicators Pass (P), Satisfactory Progress (SP), and No Pass (NP) will be assigned to students taking this class.

Pass (P)	15 – 10 points
Satisfactory Pass (SP)	9– 7 points
No Pass (NP)	7 points and below

Rubric for Science Test

Science	Score	Comments
Analyze scientific and technical arguments, evidence and text- based information <ul style="list-style-type: none">• Understand and explain textual scientific presentations.• Express scientific information or findings.• Determine the meaning of symbols, terms and phrases as they are used in scientific presentations.• Reconcile multiple findings, conclusions, or theories.	5	
	4	
	3	
	2	
	1	
	0	

Apply scientific processes and procedural concepts <ul style="list-style-type: none"> • Make a prediction based on data or evidence. • Identify possible sources of error and alter the design of an investigation to ameliorate that error. • Identify and interpret independent and dependent variables in scientific investigations. • Understand and apply scientific models, theories and processes. • Evaluate whether a conclusion or theory is supported or challenged by particular data or evidence. 	5	
	4	
	3	
	2	
	1	
	0	
Reasoning quantitatively and interpreting data in scientific contexts <ul style="list-style-type: none"> • Apply formulas from scientific theories • Determine the probability of events • Use counting and permutations to solve scientific problems. 	5	
	4	
	3	
	2	
	1	
	0	
Total Score		

https://ged.com/wp-content/uploads/Performance_Level_Descriptors_Chart.pdf

Student Learning Outcomes

SLO#2: Upon successful completion of this course, students will obtain a GED Ready® practice Science test voucher and take the practice GED test to evaluate their readiness to take this component of the GED examination.

<https://www.gedtestingservice.com/educatciences/gedreadyvouchers>

SLO GRADING RUBRIC

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Instructors will evaluate student’s readiness based on the following criteria:

Pass: Student scored in the **Green zone** which indicates a *likely to pass score*.

Satisfactory Pass: Student scored in the **Yellow zone** which indicates the score is *too close to call*.

No Pass: Student scored in the **Red zone** which indicates the student is *unlikely to pass*.

For further information, check out:

https://ged.com/educators_admins/teaching/teaching_resources/plds/