

Half Course 5

Analysis of Games and Numbers
General Outcome: Develop critical thinking skills
Specific Outcomes
<i>It is expected that students will:</i>
12E5.A.1. Analyze puzzles and games that involve logical reasoning, using problem-solving strategies. [C, CN, PS, R]

Vehicle Finance
General Outcome: Develop an understanding of owning and operating a vehicle
Specific Outcomes
<i>It is expected that students will:</i>
12E5.V.1. Solve problems that involve the acquisition, operation and maintenance of a vehicle, when <ul style="list-style-type: none"> • buying • leasing • leasing to buy. [C, CN, PS, R, T]

Statistics
General Outcome: Develop statistical reasoning
Specific Outcomes
<i>It is expected that students will:</i>
12E5.S.1. Solve problems that involve measures of central tendency, including: <ul style="list-style-type: none"> • mean • median • mode • weighted mean • trimmed mean. [C, CN, PS, R]
12E5.S.2. Analyze and describe percentiles. [C, CN, PS, R]

Precision Measurement
General Outcome: Develop spatial sense relating to the limitations of measuring instruments.
Specific Outcomes
<i>It is expected that students will:</i>
12E5.P.1. Demonstrate an understanding of the limitations of measuring instruments, including: <ul style="list-style-type: none"> • precision • accuracy • uncertainty • tolerance [C, PS, R, T, V]

Career Life
General Outcome: Develop a plan for the future
Specific Outcomes
<i>It is expected that students will:</i>
12E5.C.1. Create a plan for the future including possible career choices and their requirements. [C, CN, PS, R]

Half Course 6

Analysis of Games and Numbers
General Outcome: Develop critical thinking skills
Specific Outcomes
<i>It is expected that students will:</i>
12E6.A.1. Analyze puzzles and games that involve logical reasoning, using problem-solving strategies. [C, CN, PS, R]

Home Finance
General Outcome: Develop an understanding of housing costs
Specific Outcomes
<i>It is expected that students will:</i>
12E6.H.1. Solve problems involving the purchase and maintenance of a house. [C, CN, ME, R, T]

Geometry and Trigonometry
General Outcome: Develop spatial sense involving polygons.
Specific Outcomes
<i>It is expected that students will:</i>
12E6.G.1. Solve problems by using the sine law and cosine law, excluding the ambiguous case. [CN, PS, V]
12E6.G.2. Solve problems that involve: <ul style="list-style-type: none"> • triangles • quadrilaterals • regular polygons. [C, CN, PS, V]

Business Finance
General Outcome: Develop an understanding of business finance.
Specific Outcomes
<i>It is expected that students will:</i>
12E6.B.1. Critique the viability of small business options by considering: <ul style="list-style-type: none"> • expenses • sales • profit or loss. [C, CN, R]
12E6.B.2. Demonstrate an awareness of the government taxation forms and procedures involved in owning a business. [C,CN]

Probability
General Outcome: Develop critical thinking skills related to uncertainty.
Specific Outcomes
<i>It is expected that students will:</i>
12E6.P.1. Analyze and interpret problems that involve probability. [C, CN, PS, R]

Processes:

C – Communication
PS – Problem Solving
V – Visualization

CN – Connections
R – Reasoning

ME – Mental Mathematics and Estimation
T – Technology