

شكراً لتحميلك هذا الملف من موقع المناهج الإماراتية



الخطة الفصلية المسار العام - بريدج

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تاريخ نشر الملف على موقع المناهج: 2023-03-29 19:38:39

التواصل الاجتماعي بحسب الصف السابع



روابط مواد الصف السابع على تلغرام

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المزيد من الملفات بحسب الصف السابع والمادة رياضيات في الفصل الثالث

[أهم قوانين الوحدة التاسعة المساحة والحجم](#)

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[أسئلة الامتحان النهائي الالكتروني بريدج](#)

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[أسئلة الامتحان النهائي الورقي بريدج](#)

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[حل مسائل من اختبارات وزارية سابقة](#)

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[حل أسئلة اختبار تجريبي وزارى](#)

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Grade 07 General Stream Scheme of Work, Term 3, Academic Year 2022-2023

Purpose

- to define the **required** General Stream Mathematics Student Learning Outcomes to be covered during the term for this grade
- to **recommend** the pace at which the Student Learning Outcomes are to be covered. The term's content is broken down into **eight** teaching weeks, allowing the coverage of topics within each week to be flexible.

Assessment

- Assessment details for Term 3 will be communicated separately.

Teachers should incorporate the Standards for Mathematical Practice (SMPs) in their instruction when and where appropriate. The Standards for Mathematical Practice are

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

Why are the Standards for Mathematical Practice important?

The Standards for Mathematical Practice set expectations for using mathematical language and representations to reason, solve problems, and model in preparation for careers and a wide range of college majors.

Week 1: Apr. 17 – Apr. 21, 2023

CHAP NBR	CHAP TITLE	LESSON NBR	LESSON TITLE	Slo.EN
Welcoming students				
know your students, establish classroom routines, and finalize class lists. It is also an opportunity to review prerequisite concepts and skills which students will need for Grade 07 and to administer teacher-created diagnostics.				
Chapter 9	Volume and Surface Area	Lab 1	Inquiry Lab: Three-Dimensional Figures	Identify the relationship between three-dimensional figures and circles
Chapter 9	Volume and Surface Area	Lesson 1	Volume of Cylinders	Find the volume of cylinders

Week 2: Apr. 24 – Apr. 28, 2023

CHAP NBR	CHAP TITLE	LESSON NBR	LESSON TITLE	Slo.EN
Chapter 9	Volume and Surface Area	Lesson 2	Volume of Cones	Find the volume of cones
Chapter 9	Volume and Surface Area	Lesson 3	Volume of Spheres	Find the volume of spheres

Chapter 9	Volume and Surface Area	Problem-S	Problem-Solving Investigation: Solve a Simpler Problem	Solve problems on the volume of spheres and cones and cylinders through solving easier ones
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Week 3: May. 1 – May. 5, 2023				
CHAP NBR	CHAP TITLE	LESSON NBR	LESSON TITLE	Slo.EN
Chapter 9	Volume and Surface Area	Lab 2	Inquiry Lab: Surface Area of Cylinders	Find the surface area of a cylinder using models and nets
Chapter 9	Volume and Surface Area	Lesson 4	Surface Area of Cylinders	Find the surface area of cylinders
Chapter 9	Volume and Surface Area	Lab 3	Inquiry Lab: Nets of Cones	Discover the law of the area of a cone using nets of cones
Chapter 9	Volume and Surface Area	Lesson 5	Surface Area of Cones	Find the surface area of cones

Week 4: May. 8 – May. 12, 2023

CHAP NBR	CHAP TITLE	LESSON NBR	LESSON TITLE	Slo.EN
Chapter 9	Volume and Surface Area	Lab 4	Inquiry Lab: Changes in Scale	Identify how changes in dimensions affect areas and volumes
Chapter 9	Volume and Surface Area	Lesson 6	Changes in Dimensions	Solve problems involving similar solids
Chapter 10	Probability	Lesson 1	Probability of Simple Events	Find the probability of a simple event and its complement
Chapter 10	Probability	Lab 1	Inquiry Lab: Relative Frequency	Use experiments in identifying relative frequency

Week 5: May. 15 – May. 19, 2023				
CHAP NBR	CHAP TITLE	LESSON NBR	LESSON TITLE	Slo.EN
Chapter 10	Probability	Lesson 2	Theoretical and Experimental Probability	Find and compare experimental and theoretical probabilities
Chapter 10	Probability	Lab 2	Inquiry Lab: Fair and Unfair Games	Use relative frequencies and theorems to determine if a game is fair or not
Chapter 10	Probability	Lesson 3	Probability of Compound Events	Find probabilities of compound events
Chapter 10	Probability	Lesson 4	Simulations	Perform probability simulations to model real-world situations involving uncertainty

Week 6: May. 22 – May. 26, 2023

CHAP NBR	CHAP TITLE	LESSON NBR	LESSON TITLE	Slo.EN
Chapter 10	Probability	Lab 3	Inquiry Lab: Simulate Compound Events	Simulate compound events
Chapter 10	Probability	Problem-	Problem-Solving Investigation: Act It Out	Solve problems on probabilities by graphing them
Chapter 10	Probability	Lesson 5	Fundamental Counting Principle	Use multiplication to count the number of outcomes and find probabilities
Chapter 10	Probability	Lesson 6	Permutations	Find the number of permutations of a set of objects and find probabilities
Chapter 10	Probability	Lab 4	Inquiry Lab: Independent and Dependent Events	Explore the probability of dependent and independent events

Week 7: May. 29 – June. 2, 2023

CHAP NBR	CHAP TITLE	LESSON NBR	LESSON TITLE	Slo.EN
Chapter 10	Probability	Lesson 7	Independent and Dependent Events	Find the probability of dependent and independent events
Chapter 11	Statistics	Lesson 1	Make Predictions	Predict actions of a larger group by using a sample
Chapter 11	Statistics	Lesson 2	Unbiased and Biased Samples	Determine whether sampling methods are valid
Chapter 11	Statistics	Lab 1	Inquiry Lab: Multiple Samples of Data	Analyze multiple samples of data
Chapter 11	Statistics	Lesson 3	Misleading Graphs and Statistics	Identify misleading graphs and statistics

Week 8: June. 5 – June. 9, 2023

CHAP NBR	CHAP TITLE	LESSON NBR	LESSON TITLE	Slo.EN
Chapter 11	Statistics	Problem-	Problem-Solving Investigation: Use a Graph	Solve problems using graphs
Chapter 11	Statistics	Lab 2	Inquiry Lab: Collect Data	Use measures of central tendency and dispersion to compare two statistical groups
Chapter 11	Statistics	Lesson 4	Compare Populations	Compare two data sets using line plots or box plots
Chapter 11	Statistics	Lab 3	Inquiry Lab: Visual Overlap of Data Distributions	Analyze visual overlap of two data distributions
Chapter 11	Statistics	Lesson 5	Select an Appropriate Display	Select, organize, and construct appropriate data displays

Week 9: June. 12 – June. 16, 2023

Term 3 Revision/EOT Exams

Week 10: June. 19 – June. 23, 2023

Term 3 Revision/EOT Exams

Week 11: June. 26 – June. 30, 2023

Term 3 Revision/EOT Exams

