

شكراً لتحميلك هذا الملف من موقع المناهج الإماراتية



الخطة الفصلية المسار العام - بريدج

[موقع المناهج](#) ← [المناهج الإماراتية](#) ← [الصف الثامن](#) ← [رياضيات](#) ← [الفصل الثاني](#) ← [الملف](#)

التواصل الاجتماعي بحسب الصف الثامن

روابط مواد الصف الثامن على تلغرام

[الرياضيات](#)

[اللغة الانجليزية](#)

[اللغة العربية](#)

[التربية الاسلامية](#)

المزيد من الملفات بحسب الصف الثامن والمادة رياضيات في الفصل الثاني

[الخطة الفصلية المسار العام - بريدج](#)

1

[دليل تصحيح أسئلة الامتحان الورقي - بريدج](#)

2

[دليل تصحيح أسئلة الامتحان الورقي - ريفيل](#)

3

[أسئلة الامتحان النهائي - بريدج](#)

4

[حل مراجعة نهائية وفق الهيكل الوزاري - ريفيل](#)

5



Grade 08 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
<p align="center">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 08 and to administer teacher-created diagnostics.</p>				
<p align="center">Welcoming students</p>				
Chapter 9	Scatter Plots and Data Analysis	Lab 1	Inquiry Lab: Scatter Plots	Use scatter plots to study the relationship between data groups
Chapter 9	Scatter Plots and Data Analysis	Lesson 1	Scatter Plots	Construct and make conjectures about scatter plots

Week 2: Apr. 24 – Apr. 28, 2023

CHAP NBR	CHAP TITLE	LESSON NBR	LESSON TITLE	Slo.EN
Chapter 9	Scatter Plots and Data Analysis	Lab 2	Inquiry Lab: Lines of Best Fit	Use lines of best fit for predictions
Chapter 9	Scatter Plots and Data Analysis	Lesson 2	Lines of Best Fit	Draw lines of best fit and use them to make predictions about data
Chapter 9	Scatter Plots and Data Analysis	Lesson 3	Two Way Tables	Construct and interpret two-way tables

Week 3: May. 1 – May. 5, 2023				
CHAP NBR	CHAP TITLE	LESSON NBR	LESSON TITLE	Slo.EN
Chapter 9	Scatter Plots and Data Analysis	Problem-S	Problem-Solving Investigation: Use a Graph	Solve problems using graphs in statistics
Chapter 9	Scatter Plots and Data Analysis	Lesson 4	Descriptive Statistics	Find the measures of center and variation
Chapter 9	Scatter Plots and Data Analysis	Lesson 5	Measures of Variation	Find and interpret the mean absolute deviation for a data set

Week 4: May. 8 – May. 12, 2023				
CHAP NBR	CHAP TITLE	LESSON NBR	LESSON TITLE	Slo.EN
Chapter 9	Scatter Plots and Data Analysis	Lesson 6	Analyze Data Distributions	Analyze data distributions
Chapter 10	أدوات الهندسة Tools of Geometry	Lesson 1	النقاط والمستقيمات والمستويات Points, Lines, and Planes	Identify and model points, lines, and planes Identify intersecting lines and planes
Chapter 10	أدوات الهندسة Tools of Geometry	Lesson 2	القياس الخطي Linear Measure	Measure segments Calculate with measures

Week 5: May. 15 – May. 19, 2023

CHAP NBR	CHAP TITLE	LESSON NBR	LESSON TITLE	Slo.EN
Chapter 10	أدوات الهندسة Tools of Geometry	Lesson 3	المسافة ونقاط المنتصف Distance and Midpoints	Find the distance between two points using the formula Find the midpoint of a segment
Chapter 10	أدوات الهندسة Tools of Geometry	Lesson 4	إثبات العلاقات بين القطع المستقيمة Proving Theorems about Line Segments	Write proofs including addition of segments Write proofs including congruence of segments
Chapter 11	الأشكال الرباعية Quadrilaterals	Lesson 1	زوايا المضلعات Angles of Polygons	Find and use the sum of the measures of the interior angles of a polygon Find and use the sum of the measures of the exterior angles of a polygon

Week 6: May. 22 – May. 26, 2023

CHAP NBR	CHAP TITLE	LESSON NBR	LESSON TITLE	Slo.EN
Chapter 11	الأشكال الرباعية Quadrilaterals	Lesson 2	متوازي الأضلاع Parallelograms	Recognize and apply the properties of the sides and angles of parallelograms Recognize and apply the properties of the diagonals of parallelograms
Chapter 11	الأشكال الرباعية Quadrilaterals	Lesson 3	اختبارات متوازي الأضلاع Tests for Parallelograms	Recognize the conditions that ensure a quadrilateral is a parallelogram Prove that a set of points form a parallelogram in the coordinate plane
Chapter 11	الأشكال الرباعية Quadrilaterals	Lesson 4	المستطيل Rectangles	Recognize and apply properties of rectangles Determine whether parallelograms are rectangles

Week 7: May. 29 – June. 2, 2023

CHAP NBR	CHAP TITLE	LESSON NBR	LESSON TITLE	Slo.EN
Chapter 11	الأشكال الرباعية Quadrilaterals	Lesson 5	المعين والمربع Rhombi and Squares	Recognize and apply properties of rhombi and squares Determine whether quadrilaterals are rectangles, rhombi, or squares
Chapter 11	الأشكال الرباعية Quadrilaterals	Lesson 6	شبه المنحرف وشكل الطائرة الورقية Trapezoids and Kites	Recognize and apply the properties of trapezoids, including the medians of trapezoids Recognize and apply the properties of kites
Chapter 12	Set Theory نظرية المجموعات	Lesson 1	Introduction to Set Theory مقدمة في نظرية المجموعات	Define sets Write sets in 3 different ways Define an empty set Find the number of elements in sets Categorize sets as finite and infinite Specify if two sets are equal or equivalent Define a complementary set

Week 8: June. 5 – June. 9, 2023

CHAP NBR	CHAP TITLE	LESSON NBR	LESSON TITLE	Slo.EN
Chapter 12	Set Theory نظرية المجموعات	Lesson 2	Sub sets and Set operations المجموعات الجزئية والعمليات على المجموعات	Find all subsets to a set Use the subset symbol Find the number of subsets to a set
Chapter 12	Set Theory نظرية المجموعات	Lesson 3	Using Venn Diagrams to study Sets Operations استخدام مخططات فن لدراسة العمليات على المجموعات	Find the intersection, union, and difference among sets Use Venn diagram to represent 2 sets Use Venn diagram to represent 3 sets Use De Morgan's laws Use Venn diagram to find if 2 sets are equal Use set notation to find the number of elements in the union of 2 sets
Chapter 12	Set Theory نظرية المجموعات	Lesson 4	Using Sets to solve problems استخدام المجموعات لحل المسائل	Solve problems using Venn diagram

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

