

تم تحميل هذا الملف من موقع المناهج الإماراتية



## الهيكل الوزاري الجديد المسار العام منهج انسابير

موقع المناهج ← المناهج الإماراتية ← الصف الثامن ← علوم ← الفصل الأول ← ملفات متنوعة ← الملف

تاريخ إضافة الملف على موقع المناهج: 2024-10-31 12:18:24

ملفات اكتب للمعلم اكتب للطالب الاختبارات الكترونية | اختبارات | حلول | عروض بوربوينت | أوراق عمل  
منهج انجليزي | ملخصات وتقارير | مذكرات وبنوك | الامتحان النهائي للمدرس

المزيد من مادة  
علوم:

## التواصل الاجتماعي بحسب الصف الثامن



صفحة المناهج  
الإماراتية على  
فيسبوك

الرياضيات

اللغة الانجليزية

اللغة العربية

التربية الاسلامية

المواد على تلغرام

## المزيد من الملفات بحسب الصف الثامن والمادة علوم في الفصل الأول

الهيكل الوزاري الجديد المسار العام منهج بريدج

1

اختبار القياس الدولي IBT متبوع بالإجابات

2

أوراق عمل درس سرعة التفاعل الكيميائي

3

حل مذكرة أسئلة كتابية شاملة جميع الدروس

4

مذكرة أسئلة كتابية شاملة جميع الدروس

5

Academic Year السنة الدراسية	2024/2025
Term الفصل	1
Subject المادة	Science/Inspire العلوم/السير
Grade الصف	8
Stream المنهج	General العام
Marks of MCQ درجة الأسئلة الموضوعية	4
Number of FRQ عدد الأسئلة التقييمية	4
Marks per FRQ الدرجة لكل الأسئلة التقييمية	8 to 13
Type of All Questions نوع كافة الأسئلة	أسئلة الموضوعية / MCQ الأسئلة التقييمية / FRQ
Maximum Overall Grade الدرجة القصوى الممكنة	100
Exam Duration - امتحان - مدة	150 minutes
Mode of Implementation - طريقة التطبيق	SwiftAssess & Paper-Based
Calculator الآلة الحاسبة	Allowed مسموحة

Question* السؤال*	Learning Outcome/Performance Criteria** نتائج التعلم / معايير الأداء**	Grade 8 General Science Book		PDF Question Number
		Example/Exercise مثال/تمرين	Page الصفحة	
1	Students will use models to observe time phenomena and analyze and interpret rock strata and the fossil record to provide relative dates.	The Present is the Key to the Past	10 Unit-1	1
		Three-Dimensional Thinking	11 Unit-1	2
2	Students will explore how geologists use correlation, evidence of Earth's major events, and the fossil record to build a time line of Earth's history.	Investigation (Relatively Speaking)	16-Unit 1	3
		Three-Dimensional Thinking	25-Unit 1	4
3	Students will explore the molecular nature of genetic material.	The Structure of DNA	63-Unit 1	5
4	Students will learn that chromosomes consist of proteins and DNA, which makes up genes, and come to understand the role of DNA, as well as RNA, in protein production.	Transcription and Types of RNA	68-Unit 1, 69-Unit 1	6
5	Students will analyze data including graphs to help construct and present arguments about the changes over time in the motions of objects.	Math Connection	23-Unit 2	7
6	Students will explore how mutations may result in beneficial, harmful, or neutral changes to an organism.	Three-Dimensional Thinking	77-Unit 1	8
		Three-Dimensional Thinking	77-Unit 1	9
		Real-World Connection	78-Unit 1	10
7	Students will develop and use models to explore the structure of DNA.	Three-Dimensional Thinking, Collect Evidence	141-Unit 1	11
8	Student will gather and synthesize information about selective breeding and other forms of technology that have changed the way humans influence the inheritance of desired traits in organisms.	Encounter the Phenomenon	103-Unit 1	12
		Collect Evidence	108-Unit 1	13
9	Students will recognize what fossils can tell us about time, and how fossils show change over time.	What can fossils tell us about time?	136-Unit1	14
10	Students will explore how the force exerted by one object on a second object is equal in strength and opposite in direction to the force that the second object exerts on the first.	Three-Dimensional Thinking	64-Unit 2	15
		Collect Evidence	67-Unit 2	16
11	Students will learn how a species' interactions with its environment can lead to a predominance of certain traits and a suppression of others through natural selection.	Environmental Interactions	97-Unit1	17
		Collect Evidence	97-Unit1	18
		Real-World Connection	100-Unit1	19
12	Students will analyze data including graphs to help construct and present arguments about the changes over time in the motions of objects.	Real-World Connection	32-Unit2	20
		Real-World Connection	32-Unit2	21
13	Students will explore how force affects motion.	Encounter the Phenomenon	35-Unit-2	22
		Collect Evidence	47-Unit-2	23
14	Students will explore how the force exerted by one object on a second object is equal in strength and opposite in direction to the force that the second object exerts on the first.	Collect Evidence	67-Unit-2	24
		Real-World Connection	74-Unit-2	25
15	Students will explore the attractive nature of gravitational force, the factors that affect it, and how it affects the motion of objects.	Collect Evidence	86-Unit-2	26
		Real-World Connection	94-Unit-2	27
				PDF Question number in FRQ section
1	Students will explore the sequencing of events preserved in the geologic record. They will use models to observe time phenomena and analyze and interpret rock strata and the fossil record to provide relative dates.	Investigation (Relatively Speaking)	14-unit 1	28
		Investigation (Relatively Speaking)	14-unit 1	29
		Go Online Question 7	17-unit 1	30
2	Students will create a scale model of the geologic time scale and construct scientific explanations to enhance their understanding of how the geologic time scale is interpreted from rock strata and used to organize Earth's history.	Investigation - Gaps in the Rock Record (2-unconformities)	33-unit 1	31
		Types of Mutations	71-unit 1	32
3	Students will explore the molecular nature of genetic material and how mutations occur.	Collect Evidence,	96-Unit 1, 97-Unit 1, 99-Unit 1	33, 34, 35
		Lesson 3 Launch (Corn Connection), Three Dimensional Thinking, Writing Connection	101-Unit 1, 108-Unit 1, 114-Unit 1	36, 37, 38
		Lesson 1 Launch(Endless Fossil-bilities), Encounter the Phenomenon	129-Unit 1, 131-Unit 1	39, 40
4	Students will explore fossil evidence of evolution.	Three Dimensional Thinking	145-Unit 1	41
		Three Dimensional Thinking	145-Unit 1	42
		Investigation (Evolving Your Knowledge)	157-Unit 1	43, 44, 45
5	Students will analyze and interpret data on anatomical similarities in living organisms and fossils to determine patterns that can lead them to infer lines of evolutionary descent.	Encounter the Phenomenon, The Reference Direction, Motion Using Reference Points	7-Unit 2, 12-Unit 2, 18-Unit2	46, 47, 48
		Math Connection, Three Dimensional Thinking	23-Unit 2, 29-Unit 2	49, 50
		Math Connection	44-Unit 2	51
6	Students will explore how the force exerted by one object on a second object is equal in strength and opposite in direction to the force that the second object exerts on the first.	Math Connection	44-Unit 2	51

\* Questions might appear in a different order in the actual exam.  
 قد تظهر الأسئلة بترتيب مختلف في الامتحان الفعلي.  
 \*\* As it appears in the textbook, LMS, and (Main IP).  
 كما وردت في كتاب الطالب وLMS والخطة الفصلية.  
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