Academic Year العام الدراسي	2023/2024
Term الفصل	3
Subject المادة	Science/Inspire العلوم/التسيير
Grade الصف	6
Stream المسار	Advanced المتقدم
Number of MCQ عدد الأسئلة الموضوعية	15
Marks of MCQ درجة الأسئلة الموضوعية	4
Number of FRQ عدد الأسئلة المقالية	4
Marks per FRQ الدرجات للأسئلة المقالية	9 to 12
Type of All Questions نوع كافة الأسئلة	MCQ / الأسئلة الموضوعية FRQ / الأسئلة المقالية
Maximum Overall Grade الدرجة القصوى الممكنة	100
Exam Duration - مدة الامتحان	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 6 Advanced Science Book		PDF Question Number
			Example/Exercise مثال/تمرين	Page الصفحة	
MCQ - الأسئلة الموضوعية	1	Students will explore atmospheric and oceanic circulation. They will develop and use models to describe how unequal heating and rotation of Earth cause global patterns of winds and ocean currents.	Investigation	57	17
			Collect Evidance	57	18
	2	Students will look for patterns in the weather and explore how and why weather changes. They will collect data to provide evidence for how the interactions of air masses result in changes in weather conditions.	Investigation 1 to 3	78	23
	3	Students will look for patterns in the weather and explore how and why weather changes. They will collect data to provide evidence for how the interactions of air masses result in changes in weather conditions.	Investigation	82	24
			4	89	26
	4	Students will investigate the transfer of energy from the Sun to Earth and the atmosphere. They will develop the unequal heating of Earth by the Sun and how energy flows through the system of Earth and atmosphere.	Three-Dimensional Thinking	50	14
	5	Students will explore climate and the factors that determine regional climates. They will develop and use models to enhance their understanding of how factors including unequal heating by the Sun, latitude, altitude, and patterns of atmospheric and oceanic circulation determine regional climates.	Three-Dimensional Thinking	92	27
			PDF	PDF	37
	6	Students will investigate the transfer of energy from the Sun to Earth and the atmosphere. They will develop the unequal heating of Earth by the Sun and how energy flows through the system of Earth and atmosphere.	PDF	PDF	38
			3	31	11
	7	Students will explore atmospheric and oceanic circulation. They will develop and use models to describe how unequal heating and rotation of Earth cause global patterns of winds and ocean currents.	Investigation	66	20
			Collect Evidance	61	19
	8	Students will explore climate and the factors that determine regional climates. They will develop and use models to enhance their understanding of how factors including unequal heating by the Sun, latitude, altitude, and patterns of atmospheric and oceanic circulation determine regional climates.	Collect Evidance	98	28
			Collect Evidance	100	29
	9	Students will investigate the transfer of energy from the Sun to Earth and the atmosphere. They will develop the unequal heating of Earth by the Sun and how energy flows through the system of Earth and atmosphere.	Three-Dimensional Thinking	41	12
			Collect Evidance	45	13
	10	Students will continue their exploration of the motion and cycling of water among Earth's subsystems, focusing on precipitation, runoff, and the role of gravity in moving water downhill. They will recognize various water reservoirs and will develop and use models about their concepts.	Three-Dimensional Thinking	11	1
			Collect Evidance	13	2
	11	Students will continue their exploration of the motion and cycling of water among Earth's subsystems, focusing on precipatation, runoffm and the role of gravity in moving water downhill. They will recognize various water reservoirs and will develop and use models about these concepts.	Three-Dimensional Thinking	27	9
			Collect Evidance	28	10
	12	Students will explore atmospheric and oceanic circulation. They will develop and use models to describe how unequal heating and rotation of Earth cause global patterns of winds and ocean currents.	2	53	15
			4	53	16
	13	Students will explore how the transfer of thermal energy drives processes of the water cycle, including evaporation, condensation, and crystallization. They will develop and use models to enhance their understanding of these processes.	Three-Dimensional Thinking	14	3
			2	19	6
	14	Students will explore the impact of human activities on the land. They will analyze data, develop and use models, and design solutions to enhance their understanding of how humans cause changes to Earth's land environments.	Summarize it	132	32
			2	133	33
	15	Students will explore the impact of human activities on water. They will construct explanations and use models to enhance their understanding of how humans cause and can minimize changes to Earth's warter environments.	Collect Evidance	147	34
			Collect Evidance	151	35
FRQ - الأسئلة المقالية	16	Students will explore how the transfer of thermal energy drives processes of the water cycle, including evaporation, condensation, and crystallization. They will develop and use models to enhance their understanding of these processes. Students will continue their exploration of the motion and cycling of water among Earth's subsystems, focusing on precipitation, runoff, and the role of gravity in moving water downhill. They will recognize various water reservoirs and will develop and use models about their concepts. Students will investigate the transfer of energy from the Sun to Earth and the atmosphere. They will develop the unequal heating of Earth by the Sun and how energy flows through the system of Earth and atmosphere.	Three-Dimensional Thinking	16	4
			Collect Evidance	16	5
			3	19	7
			Collect Evidance	24	8
			PDF	PDF	39
	17	Students will explore atmospheric and oceanic circulation. They will develop and use models to describe how unequal heating and rotation of Earth cause global patterns of winds and ocean currents. Students will look for patterns in the weather and explort how and why weather changes. They will collect data to provide evidence for how the interactions of air masses result in changes in weather conditions. Students will explore climate and the factors that determine regional climates. They will develop and use models to enhance their understanding of how factors including unequal heating by the Sun, latitude, altitude, and patterns of atmospheric and oceanic circulation detetermin regional climates.	Three-Dimensional Thinking	66	21
			Investigation	77	22
			2	107	30
			Summarize it	88	25
	18	Students will explore the impact of human activities on the land. They will analyze data, develop and use models, and design solutions to enhance their understanding of how humans cause changes to Earth's land environments.	Three-Dimensional Thinking	126	31
			Summarize it	132	32
			2	133	33
	19	Students will explore the impact of human activities on water. They will construct explanations and use models to enhance their understanding of how humans cause and can minimize changes to Earth's warter environments.	Summarize it	152	36
			PDF	PDF	40
			PDF	PDF	41

*	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 الصفية.