Academic Year العام الدراسي	2023/2024
Term الفصل	3
Subject المادة	Science / Inspire العلـوم/ إلـسـبايـر
Grade الصف	6
Stream المسار	General العام
Number of MCQ عدد الأسئلة الموضوعية	15
Marks of MCQ درجة الأسئلة الموضوعية	60
Number of FRQ عدد الأسئلة المقالية	5
Marks per FRQ الدرجات للأسئلة المقالية	40
Type of All Questions نوع كافة الأسئلة	Paper Part / أسئلة مقالية MCQs / أسئلة موضوعية
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** نائج التعلم/ معايير الأداء**	Reference(s) in the Student Book (English Version& Arabic Version) المرجع في كتاب الطالب (النسخة الإنجليزية والنسخة العربية) Example/Exercise مثال/تمرين	Page الصفحة
Paper part - الأسئلة المقالية	1	Calculate the relationship (ratio) for two traits in plants and animals Differentiate between dominant trait and recessive trait and apply it on examples	Textbook, figures, lab, investigations	13, 18, 20, 14, 15
	2	compare between types of reproduction (sexual and asexual) in hydra and plants	Textbook, figures, table, investigation	32, 33, 35, 36
	3	Compare animal behaviours (courtship and protecting young) by giving examples, and between factors that affect the growth of young animals Assign the factors (wind, water, animals) for seed spreading	Textbook, lab, table, organisers "summarize it"	47, 51, 52, 58, 60, 62 75
	4	List the cause-and-effect relationships between human activities and the environmental impacts on land	Testbook, table, 3D	22
	5	Describe how humans pollute Earth's water, and ocean pollution sources, and how to minimize this impact Explain what is air pollution, and how it affects our atmosphere and ozone	Textbook, figures, graphs	49, 51, 55 64, 65, 66
MCQ - الأسئلة الموضوعية	6	Define: phenotype, traits, heredity, and genetics	Textbook, figures, table, investigation	10, 11
	7	Explain the meaning of genes, alleles, and genotypes.	Textbook, figures, table, investigation	15, 20
	8	Define alleles and compare between homozygous and heterozygous with examples	Textbook, figures, table, investigation, 3D	21, 22, 24, 25
	9	Explain the occurrence of Asexual reproduction in plants	Textbook, figure, investigation	32,
	10	Compare the advantages and disadvantages between Asexual and Sexual Reproduction, and decided which is **favorable** in certain conditions	Textbook, Table, 3D	36,
	11	Define courtship animal behaviours and relate examples to it	Textbook, figures, tables	47, 51
	12	Differentiate between Environmental factors and Genetic factors and give to examples on both	Textbook, figures, 3D	58, 61, 63
	13	Explore the parts of seed plants' flower and define fertilization and pollination	Textbook, figure	72
	14	Interpret the factors that affect the growth of plants, and increases the probability of successful reproduction	textbook, figures, 3D	78, 81
	15	List actions that help protect the land, and Describe the positive effect of recycling on land	Textbook, figures, investigation	23, 24, 25
	16	Illustrate how land resources can be managed and restored, and define reforestation and reclamation	Textbook	26, 28
	17	Explain the meaning of aquifer and groundwater and how humans activity impact them	Textbook, figures, investigation	43
	18	Describe humans impact on water distribution and availability and label it as positive and/or negative impact	Textbook, figures	40, 41
	19	List and compare air pollutants and their effect on the atmosphere	textbook, investigations, figures, table, 3D	64, 65, 66, 68, 70
	20	List of measures and positive actions that can be taken to minimize and monitor impacts on the atmosphere	textbook, investigations, figures	71, 73, 74

*	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 (UAE Edition Grade 6 Inspire Student Edition U2 & U4) , LMS, and (Main_IP).
**	كما وردت في كتاب الطالب(كتاب الطالب الصف السادس العام السبايـر الوحدة الثانية والوحدة الرابعة طبعة دولة الامارات العربية المتحدة) و LMS والخطة الفصلية .