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| Academic Year<br>العام الدراسي | 2023/2024 |
| | |
| Term<br>الفصل | 2 |
| | |
| Subject<br>المادة | Science/Inspire<br>علوم/انسبير |
| | |
| Grade<br>الصف | 4 |
| | |
| Stream<br>المسار | General<br>العام |
| | |
| Number of MCQ<br>عدد الأسئلة الموضوعية | 15 |
| | |
| Marks of MCQ<br>درجة الأسئلة الموضوعية | 60 |
| | |
| Number of FRQ<br>عدد الأسئلة المقالية | 5 |
| | |
| Marks per FRQ<br>الدرجات للأسئلة المقالية | 40 |
| | |
| Type of All Questions<br>نوع كافة الأسئلة | MCQ/ الأسئلة الموضوعية<br>FRQ/ الأسئلة المقالية |
| | |
| Maximum Overall Grade<br>الدرجة القصوى الممكنة | 100 |
| | |
| Exam Duration - مدة الامتحان | 150 minutes |
| | |
| Mode of Implementation - طريقة التطبيق | Paper-Based |
| | |
| Calculator<br>الآلة الحاسبة | Not Allowed<br>غير مسموحة |
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| | Question*<br>السؤال* | Learning Outcome/Performance Criteria**<br>نتاج التعلم/ معايير الأداء** | Reference(s) in the Student Book ( English Version)<br>المرجع في كتاب الطالب (النسخة الانجليزية) | |
|---|---|---|---|---|
| | | | Example/Exercise<br>مثال/تمرين | Page<br>الصفحة |
| MCQ: الأسئلة الموضوعية | 1 | 4-PS3-2: Students will make observations to explain how different types of energy can be transferred in various ways. | | U2M1L1 page 15 |
| | 2 | 4-PS3-2: Students will make observations to explain how different types of energy can be transferred in various ways. | | U2M1L1 page 14 |
| | 3 | 4-PS3-2: Students will make observations to explain how different types of energy can be transferred in various ways. | | U2M1L1 page 23 |
| | 4 | 4-PS3-2: Students will plan and carry out investigations to describe and model how energy transfers with sound and light. | Figure page 30 | U2M1L2 page 30 |
| | 5 | 4-PS3-2: Students will plan and carry out investigations to describe and model how energy transfers with sound and light. | | U2M1L2 page 32 |
| | 6 | 4-PS3-2: Students will plan and carry out investigations to describe and model how energy transfers with sound and light. | | U2M1L2 page 32 |
| | 7 | 4-PS3-2: Students will use their observations from their investigations to describe how energy is transferred by electric currents. | | U2M1L3 page 48 |
| | 8 | 4-PS3-2: Students will use their observations from their investigations to describe how energy is transferred by electric currents. | | U2M1L3 page 48 |
| | 9 | 4-PS3-2: Students will plan and carry out investigations to explain how energy can be transferred by heat. | | U2M1L4 page 69 |
| | 10 | 4-PS3-2: Students will plan and carry out investigations to explain how energy can be transferred by heat. | Figure page 71 | U2M1L4 page 71 |
| | 11 | 4-PS3-2: Students will plan and carry out investigations to explain how energy can be transferred by heat. | | U2M1L4 page 74 |
| | 12 | 4-ESS3-1: Students will obtain and combine information about the source of nonrenewable resources, and how their uses affect humans. | | U2M2L1 page 97 |
| | 13 | 4-PS3-4: Students will obtain and combine information about the source of renewable resources, and how their uses affect humans. | Figure page 110 | U2M2L2 page 110 |
| | 14 | 4-PS3-4: Students will obtain and combine information about the source of renewable resources, and how their uses affect humans. | Figure page 114 | U2M2L2 page 114 |
| | 15 | 4-PS3-4: Students will obtain and combine information about the effects of nonrenewable resources on the environment. | | U2M2L3 page 129 |
| FRQ: الأسئلة المقالية | 16 | 4-PS3-2: Students will make observations to explain how different types of energy can be transferred in various ways. | Figure page 12 | U2M1L1 page 12 |
| | 17 | 4-ESS3-1: Students will obtain and combine information about the source of nonrenewable resources, and how their uses affect humans. | Figure page 95 | U2M2L1 page 95 |
| | 18 | 4-PS3-4: Students will obtain and combine information about the effects of nonrenewable resources on the environment. | Figure page 132 | U2M2L3 page 132 |
| | 19 | 4-PS3-2: Students will plan and carry out investigations to explain how energy can be transferred by heat. | Figure page 70 | U2M1L4 page 70 |
| | 20 | 4-PS3-2: Students will use their observations from their investigations to describe how energy is transferred by electric currents. | Figure page 50 | U2M1L3 page 50 |

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| * | Questions might appear in a different order in the actual exam, or on the exam paper in the case of G3 and G4. |
| * | قد تظهر الأسئلة بترتيب مختلف في الامتحان الفعلي، أو على ورقة الامتحان في حالة الصفين G3 وG4. |
| ** | As it appears in the textbook, LMS, and (Main_IP). |
| ** | كما وردت في كتاب الطالب وLMS والخطة الفصلية . |