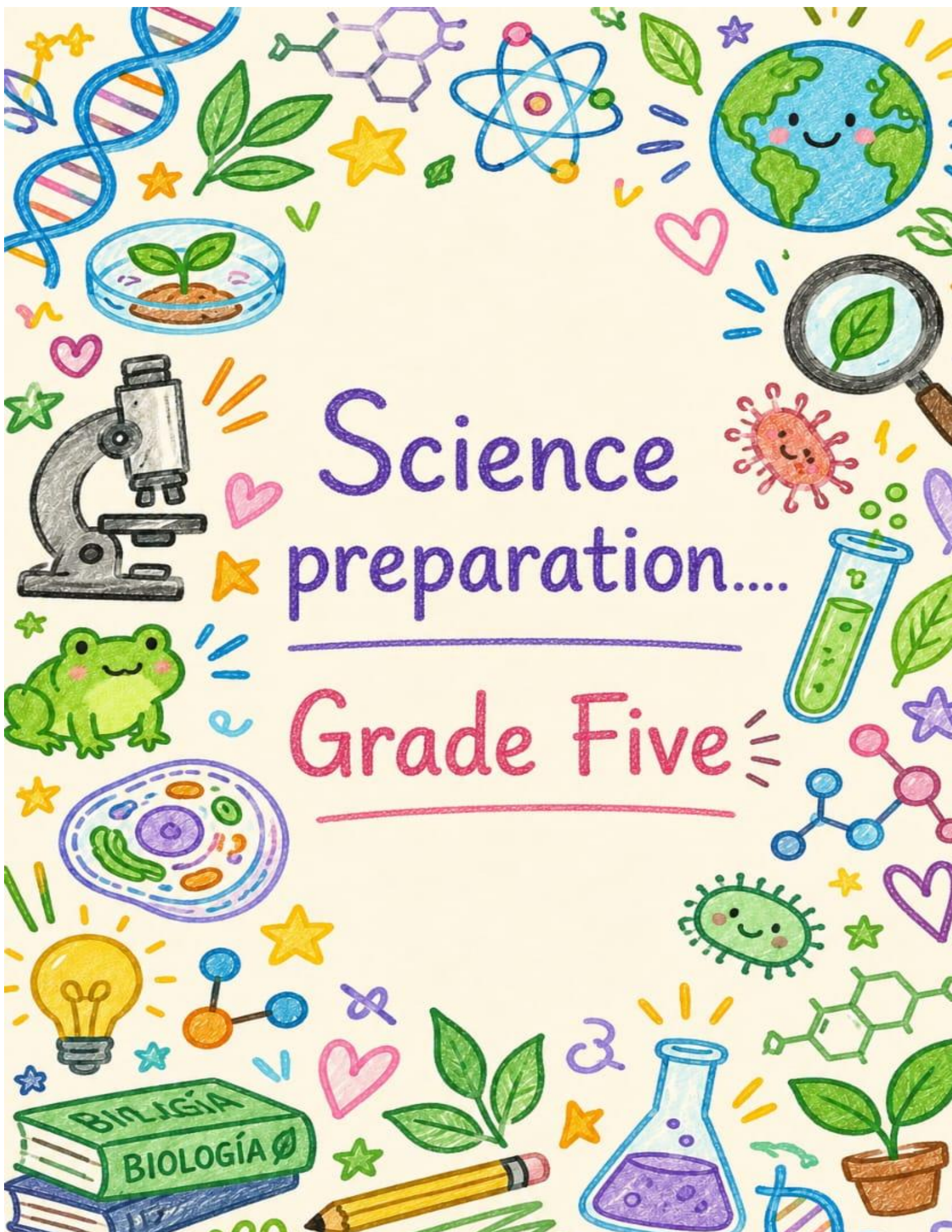

Science
preparation....
Grade Five
BIOLOGÍA

Personal Information

Name: _____

School: _____

Grade/Subject: _____

Academic Year: _____

Contact Information:

Email: _____ Phone: _____

Home Address: _____

Educational Background:

- Bachelor's Degree: _____

(University/College, Major, Year)

- Master's Degree (if applicable): _____

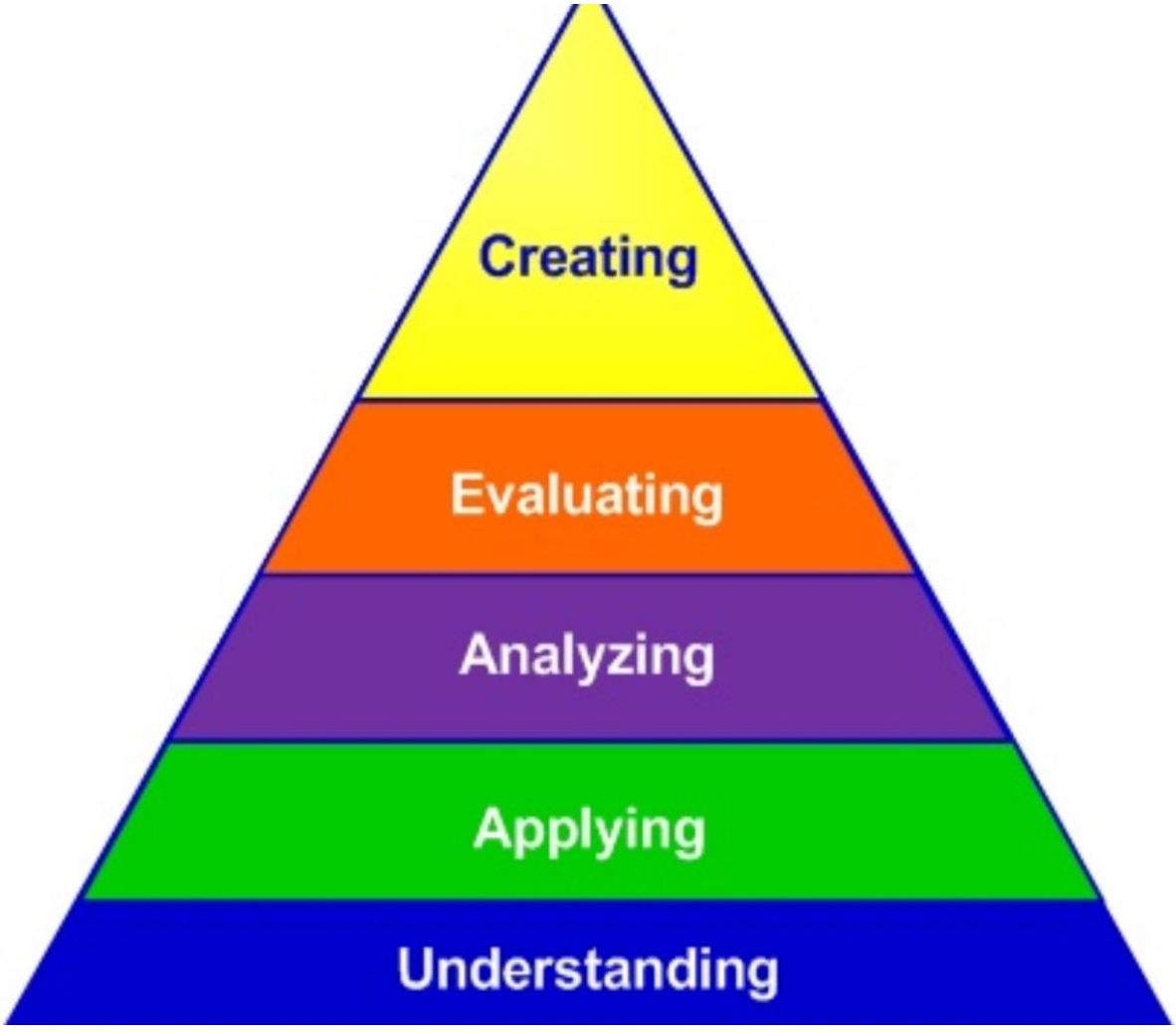
(University/College, Major, Year)

Teaching Experience:

- Years of Teaching Experience: _____

- Previous Schools (if applicable): _____

(List school names and years)



BLOOM'S TAXONOMY

Create	**Use Existing Information to make something new** Invent, Develop, Design, Compose, Generate, Construct
Evaluate	**Make judgments based on sound analysis** Assess, Judge, Defend, Prioritize, Critique, Recommend
Analyze	**Explore relationships, causes, and connections** Compare, Contrast, Categorize, Organize, Distinguish
Apply	**Use existing knowledge in new contexts** Practice, Calculate, Implement, Operate, Use, Illustrate
Understand	**Grasp the meaning of something** Explain, Paraphrase, Report, Describe, Summarize
Remember	**Retain and recall information** Reiterate, Memorize, Duplicate, Repeat, Identify

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- _____

- _____


Time Table
Sat
Sun
Mon
Tue
Wed
Thu

General Objectives of Teaching Science in Primary Stage

- **Develop scientific curiosity and encourage students to observe and ask questions about natural phenomena.**

- Acquire basic scientific knowledge and concepts suitable for their age, such as matter, energy, living organisms, environment, forces, and motion.

- Gain fundamental scientific skills including observation, simple measurement, classification, ordering, experimenting, and recording results.

- Relate science to daily life by showing how scientific ideas affect their everyday experiences (water, air, food, health).

- Develop positive attitudes towards the environment and encourage practices like saving water and electricity, and keeping personal and public cleanliness.

- Enhance scientific thinking skills such as critical thinking, problem-solving, and drawing conclusions.

- Promote social values and attitudes such as cooperation, participation, and respecting others' opinions during scientific activities.

- Use educational tools and simple technology to facilitate understanding and practical application.

- Emphasize safety rules during scientific activities and experiments.

- Prepare students for the preparatory stage by providing a solid scientific foundation and mental skills for continuous learning.

Specific Objectives:

Life Sciences: Students will explore topics related to living organisms, including plant and animal life cycles, ecosystems, adaptation, and classification.

Physical Sciences: The curriculum will cover fundamental concepts in physics and chemistry, such as matter, energy, forces, and basic chemical reactions.

Earth Sciences: Students will learn about the Earth's structure, natural resources, geological processes, weather and climate, and environmental issues.

Scientific Investigation: Students should gain proficiency in conducting simple experiments and investigations, recording data, and drawing conclusions.

Scientific Vocabulary: By the end of fifth grade, students should have a solid understanding of scientific terminology and be able to use it effectively in discussions and written work.

Scientific Ethics: Students will be introduced to the importance of ethics in scientific research and the responsible use of scientific knowledge.

Application of Knowledge: The curriculum will emphasize how scientific concepts and skills can be applied to real-world situations, such as in technology, medicine, and engineering.

Cultural and Historical Context: Students may explore the historical development of scientific ideas and their impact on society, as well as cultural contributions to science.

خطة توزيع منهج العلوم للصف الخامس الفصل الدراسي الاول عام ٢٠٢٦-٢٠٢٧ م

م	شهر	بداية الاسبوع	الدرس والصفحة	التقييمات	ملاحظات
١	سبتمبر	٢٠٢٦ /٩/١٢	**الفصل الأول: العظام والعضلات (ص٦ -١٩)** 1- العظام والعضلات 2-تركيب العظام	بداية الدراسة	
٢		٢٠٢٦ /٩/ ١٩	3-الهيكل العظمي الكامل للجسم ٤- أجسام الحيوانات + اثرائي	تقييم ١	
٣		٢٠٢٦/ ٩/ ٢٦	**الفصل الثاني : التغيرات في الفصول (ص ٢٠ – ٢٧)** ١-التغيرات خلال السنة ٢- الحيوانات ودرجة الحرارة +إثرائي	تقييم ٢	
٤	اكتوبر	٢٠٢٦/ ١٠/ ٣	**الفصل الثالث : شروط الانبات (ص ٢٨ – ٤٣)** ١- ما بداخل البذرة؟ ٢- الماء والانبات	تقييم ٣	عيد أكتوبر
٥		٢٠٢٦/ ١٠/ ١٠	٣- الهواء و الانبات ٤- درجة الحرارة والانبات	تقييم ٤	تدريب شهري ١
٦		٢٠٢٦/١٠/ ١٧	٥- ملخص الانبات + اثرائي	اختبار ١	ص ١: ٣٩
٧		٢٠٢٦/١٠/ ٢٤	**الفصل الرابع : شروط النمو (ص ٤٤ – ٥١)** ١- ضوء الشمس والنمو ٢- السماد والنمو + اثرائي	تقييم ٥	
٨	نوفمبر وبداية ديسمبر	٢٠٢٦ /١٠/٣١	**الفصل الخامس : من الزهرة إلى الثمرة (ص ٥٢-٦٣)** ١- تركيب زهرة نبات اللوف ٢- كيف نستخدم المجهر؟	تقييم ٦	
٩		٢٠٢٦ /١١/ ٧	٣- التلقيح وكيف تنمو الثمار ؟ **الفصل السادس: نمو الانسان والتكاثر (ص ٦٤ – ٧١)** ١- مراحل نمو الانسان	تقييم ٧	
١٠		٢٠٢٦ /١١/١٤	٢- أوجه التشابه بين الآباء والأبناء ٣- شروط النمو الصحي	تقييم ٨	تدريب شهري ٢
١١		٢٠٢٦ /١١/ ٢١	**الفصل السابع : نمو الحيوانات وتكاثرها (ص ٧٢ – ٧٩)** ١- حيوانات تلد صغارا	اختبار ٢	ص ٤٠ : ٦٥
١٢		٢٠٢٦ /١١/٢٨	٢-حيوانات تضع البيض ٣- مقارنة الحيوانات والحفاظ على النوع	تقييم ٩	
١٣	باقي ديسمبر	٢٠٢٦ /١٢/ ٥	**الفصل الثامن : تغيرات الطقس (ص ٨٠-٩١)** ١- السحب والطقس ٢- حركة السحب	تقييم ١٠	
١٤		٢٠٢٦ /١٢/١٢	٣ – التنبؤ بالطقس + اثرائي **الفصل التاسع : دورة الماء (ص ٩٢: ١٠٣)** ١- تبخر الماء	تقييم ١١	
١٥		٢٠٢٦ /١٢/١٩	٢- بخار الماء في الهواء ٣- إلى أين يذهب الماء ؟ + اثرائي	تقييم ١٢	تدريب شهري ٣
١٦		٢٠٢٦ /١٢/٢٦	**مراجعة عامة على الفصل الدراسي الاول** **وحل نماذج الاختبارات العامة**		
١٧	يناير	٢٠٢٧ /١/ ٢			
١٨		٢٠٢٧ /١/ ٩	بداية امتحانات الفصل الدراسي الاول		

- تقييم كل أسبوع يكون في محتوى الاسبوع السابق له

أعضاء اللجنة

١- د/ داليا علي محمد د/داليا علي

٢- أ/ هناء محمد محمود أبو بكرة هناء

مستشار العلوم

(د / عزيزه رجب خليفة)

رئيس الادارة المركزية للتعليم العام

والمشرف على مستشاري المواد الدراسية

د. هالة عبد السلام خفاجي

(د / هالة عبد السلام خفاجي)

Fifth Grade Science Curriculum Distribution Plan
First Semester — Academic Year 2026–2027

Week	Start of Week	Lesson and Pages	Assessments	Notes
1	September 12, 2026	Chapter 1: Bones and Muscles (pp. 6–19) 1. Bones and Muscles 2. Bone Structure	Start of Study	
2	September 19, 2026	3. The Complete Skeletal System 4. Animal Bodies + Enrichment	Assessment 1	
3	September 26, 2026	Chapter 2: Seasonal Changes (pp. 20–27) 1. Changes Throughout the Year 2. Animals and Temperature + Enrichment	Assessment 2	
4	October 3, 2026	Chapter 3: Germination Conditions (pp. 28–43) 1. What's Inside a Seed? 2. Water and Germination	Assessment 3	October
5	October 10, 2026	3. Air and Germination 4. Temperature and Germination	Assessment 4	Monthly Training 1
6	October 17, 2026	5. Germination Summary + Enrichment	Test 1 (p. 39)	
7	October 24, 2026	Chapter 4: Growth Conditions (pp. 44–51) 1. Sunlight and Growth 2. Fertilizer and Growth + Enrichment	Assessment 5	
8	October 31, 2026	Chapter 5: From Flower to Fruit (pp. 52–63) 1. The Structure of the Arum Flower 2. How Do We Use a Microscope?	Assessment 6	November / Early December
9	November 7, 2026	3. Pollination and How Do Fruits Grow? Chapter 6: Human Growth and Reproduction (pp. 64–71) 1. Stages of Human Growth	Assessment 7	
10	November 14, 2026	2. Similarities Between Parents and Offspring 3. Conditions for Healthy Growth	Assessment 8	Monthly Training 2
11	November 21, 2026	Chapter 7: Animal Growth and Reproduction (pp. 72–79) 1. Animals That Give Birth	Test 2 (pp. 40–65)	
12	November 28, 2026	2. Animals That Lay Eggs 3. Comparing Animals and Preserving the Species	Assessment 9	
13	December 5, 2026	Chapter 8: Weather Changes (pp. 80–91) 1. Clouds and Weather 2. Cloud Movement	Assessment 10	
14	December 12, 2026	3. Weather Forecasting + Enrichment Chapter 9: The Water Cycle (pp. 92–103) 1. Water Evaporation	Assessment 11	
15	December 19, 2026	2. Water Vapor in the Air 3. Where Does Water Go? + Enrichment	Assessment 12	Monthly Practice 3
16	December 26, 2026	General Review of the First Semester and Solving Sample General Exams		
17	January 2, 2027	General Review		
18	January 9, 2027	Start of First Semester Exams		

Note: Each week's assessment will cover the content of the previous week.

Committee Members Dr. Dalia Ali Mohamed (Dr. Dalia Ali)
Ms. Hanaa Mohamed Mahmoud Abu Bakra (Hanaa Mohamed)
Head of the Central Administration for General Education and Supervisor of Subject Matter Consultants: Dr. Hala Abdel Salam Khafagy
Science Consultant: Dr. Aziza Ragab Khalifa

Date	Class / Grade	Period	Enrolled	Present	Absent

Unit / Chapter:	Lesson:	Page: ( )

Lesson Objectives	By the end of the lesson, the student should be able to:	Bloom's Taxonomy

Teaching Strategy	
Learning Resources	
Lesson Elements	
Warm-up (Hook)	(Min)

Lesson Presentation	Learn: (Min)	Activity: (Min)

Formative Assessment : Performances :	
Learn: (Min)	Activity: (Min)
Summative Assessment: Try :	Practice :

Homework	
Weekly Assessment	