

تم تحميل هذا الملف من موقع المناهج الإماراتية



ملخص الدرس الأول life Exploring استكشاف الحياة من وحدة Cell and life

موقع المناهج ← المناهج الإماراتية ← الصف السادس ← علوم ← الفصل الثاني ← ملخصات وتقارير ← الملف

تاريخ إضافة الملف على موقع المناهج: 13:08:09 2025-01-19

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

المزيد من مادة
علوم:

إعداد: Kadri Ferhad

التواصل الاجتماعي بحسب الصف السادس



صفحة المناهج
الإماراتية على
فيسبوك

الرياضيات

اللغة الانجليزية

اللغة العربية

التربية الاسلامية

المواد على تلغرام

المزيد من الملفات بحسب الصف السادس والمادة علوم في الفصل الثاني

ورقة عمل درس أشكال الطاقة المختلفة من الوحدة السادسة الطاقة والشغل

1

أسئلة الامتحان النهائي الورقي بريدج

2

مراجعة الأسئلة المقالية وفق الهيكل الوزاري

3

نموذج تدريبي على الأسئلة الكتابية وفق الهيكل

4

المزيد من الملفات بحسب الصف السادس والمادة علوم في الفصل الثاني

أسئلة الامتحان النهائي الورقي بريدج

5

Science Weekly Summary

Week: 1	Date: 02:01:2023 to 06:01:2023	Grade: 6/1 ~ 6/2 ~ 6/3	Teacher: Ms. Ferhad Kadri
-------------------	--	----------------------------------	-------------------------------------

Unit:	Cells and Life																
Lesson: 1	Exploring Life																
Textbook Pages:	Page 3 to 26	Alef Lessons:	58 to 61														
Key Vocabulary:	<table border="1"> <tr> <td>MRS GREN</td> <td>Movement, Respiration, Sensitivity, Growth, Reproduction, Excretion, Nutrition</td> </tr> <tr> <td>Prokaryotic Cell</td> <td>Prokaryotes are organisms whose cells lack a nucleus and other organelles</td> </tr> <tr> <td>Eukaryotic Cell</td> <td>A eukaryote is an organism whose cells contain a nucleus within a membrane.</td> </tr> <tr> <td>Uni-cellular</td> <td>Consisting of a single cell</td> </tr> <tr> <td>Multi-cellular</td> <td>Consisting of many cells</td> </tr> <tr> <td>Electron Microscope</td> <td>Views internal structures</td> </tr> <tr> <td>Scanning Electron Microscope (SEM)</td> <td>Views outside structures</td> </tr> </table>			MRS GREN	Movement, Respiration, Sensitivity, Growth, Reproduction, Excretion, Nutrition	Prokaryotic Cell	Prokaryotes are organisms whose cells lack a nucleus and other organelles	Eukaryotic Cell	A eukaryote is an organism whose cells contain a nucleus within a membrane.	Uni-cellular	Consisting of a single cell	Multi-cellular	Consisting of many cells	Electron Microscope	Views internal structures	Scanning Electron Microscope (SEM)	Views outside structures
MRS GREN	Movement, Respiration, Sensitivity, Growth, Reproduction, Excretion, Nutrition																
Prokaryotic Cell	Prokaryotes are organisms whose cells lack a nucleus and other organelles																
Eukaryotic Cell	A eukaryote is an organism whose cells contain a nucleus within a membrane.																
Uni-cellular	Consisting of a single cell																
Multi-cellular	Consisting of many cells																
Electron Microscope	Views internal structures																
Scanning Electron Microscope (SEM)	Views outside structures																
Lesson Summary:	<ul style="list-style-type: none"> The acronym MRS GREN is used to remember all the necessary characteristics that are displayed by living organisms. Euglena can be either an animal or plant because it has features of both animal and plant. The cell is the most basic unit of life. The cell theory states that 1. All organisms are made of cells. 2) All existing cells are produced by other living cells. 3) All existing cells are produced by other living cells. The electron microscope is used to get a detail view of the structures within the cell whereas SEM microscope is used for observing the cell outside. 																

- Prokaryotic cell—are always single-celled (unicellular).
- Eukaryotic cells can be either single celled or multicelled

Key
Questions
Textbook:



Three-Dimensional Thinking

2. If a living organism contains a cell with the structures seen below, which of the following can you conclude about the organism?



- A The organism is a eukaryote.
- B The organism is unicellular.
- C The organism's cells do not contain organelles.
- D The organism's cells do not contain genetic information.

3. If you were to conduct an investigation to determine if an organism is a plant or an animal, which characteristic could be used to distinguish between the two?

- A whether the organism is unicellular or multicellular
- B whether or not the organism is made of cells
- C whether or not the organism responds to its environment
- D whether the organism makes its own food or takes in food

4. Which should NOT be included in a model developed to show differences between unicellular and multicellular organisms?

- A Unicellular organisms have fewer cells than multicellular organisms.
- B Unicellular organisms are larger than multicellular organisms.
- C Unicellular organisms are organized differently than multicellular organisms.
- D Unicellular organisms are smaller than multicellular organisms.

Answer Key with Questions

Lesson Check: Exploring Life

1) The smallest unit of life is the _____.

- A) cell
- B) homeostasis
- C) organism
- D) protein

Correct Answer

A) cell

2) Which of the following is **NOT** a necessary characteristic of a living thing?

- A) It is made up of cells.
- B) It eats food to get energy.
- C) It grows and develops.
- D) It responds to stimuli.

Correct Answer

B) It eats food to get energy.

2024

3) Which of the following is a multicellular organism?

- A) bacterium
- B) amoeba
- C) mouse
- D) paramecium

Correct Answer

C) mouse

4) Which statement is true?

- A) Cells come in different shapes, but are all about the same size—very, very small.
- B) Cells come in different shapes and sizes.
- C) Cells all have the same shape, but come in different sizes.
- D) Cells are all the same shape and size—small and rounded.

Correct Answer

B) Cells come in different shapes and sizes.

2025

2024

موقع المناهج الإلكترونية

5) Animals are multicellular.

True

False

Correct Answer

True

6) _____ cells have genetic material that is not surrounded by a lining.

Correct Answer

Prokaryotic

7) The cell theory is the result of the hypothesis and observation of one person.

True

False

Correct Answer

False