

شكراً لتحميلك هذا الملف من موقع المناهج الإماراتية



الأسئلة المقالية الجزء الكتابي وفق الهيكل الوزاري انسباير

[موقع المناهج](#) ⇨ [المناهج الإماراتية](#) ⇨ [الصف الخامس](#) ⇨ [علوم](#) ⇨ [الفصل الأول](#) ⇨ [الملف](#)

تاريخ نشر الملف على موقع المناهج: 25-11-2023 19:40:41 | اسم المدرس: Alshamsi Eiman

التواصل الاجتماعي بحسب الصف الخامس



روابط مواد الصف الخامس على تلغرام

[الرياضيات](#)

[اللغة الانجليزية](#)

[اللغة العربية](#)

[التربية الاسلامية](#)

المزيد من الملفات بحسب الصف الخامس والمادة علوم في الفصل الأول

[مراجعة واستعداد للاختبار وفق الهيكل الوزاري](#)

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[مراجعة واستعداد للاختبار النهائي](#)

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SCIENCE GRADE 5

EOT coverage

Term 1

2023-2024

Done by :

- Eiman AlShamsi
- Reem AlRashdi

Writing

الأسئلة الكتابية

% 40

16	5-PS1-4 Conduct an investigation to determine whether the mixing of two or more substances results in new substances.		U1M1L2 page 25
17	5-PS1-2 Measure and graph quantities to provide evidence that regardless of the type of change that occurs when heating, cooling, or mixing substances, the total weight of matter is conserved.	Figure page 58	U1M1L4 page 58
18	5-ESS1-2 Represent data in graphical displays to reveal patterns of daily changes in length and direction of shadows, day and night, and the seasonal appearance of some stars in the night sky.	Figure page 28	U4M1L2 page 28
19	5-ESS1-2 Represent data in graphical displays to reveal patterns of daily changes in length and direction of shadows, day and night, and the seasonal appearance of some stars in the night sky.	Figure page 32	U4M1L2 page 32
20	5-ESS1-2 Represent data in graphical displays to reveal patterns of daily changes in length and direction of shadows, day and night, and the seasonal appearance of some stars in the night sky.	Figure page 32	U4M1L2 page 35

الهدف من السؤال : الطالب قادر أن يصنف الخليط تبعا لنوعه و خواصه

1. List different types of mixtures that you see every day or that you have made. Identify the type of each mixture you list.

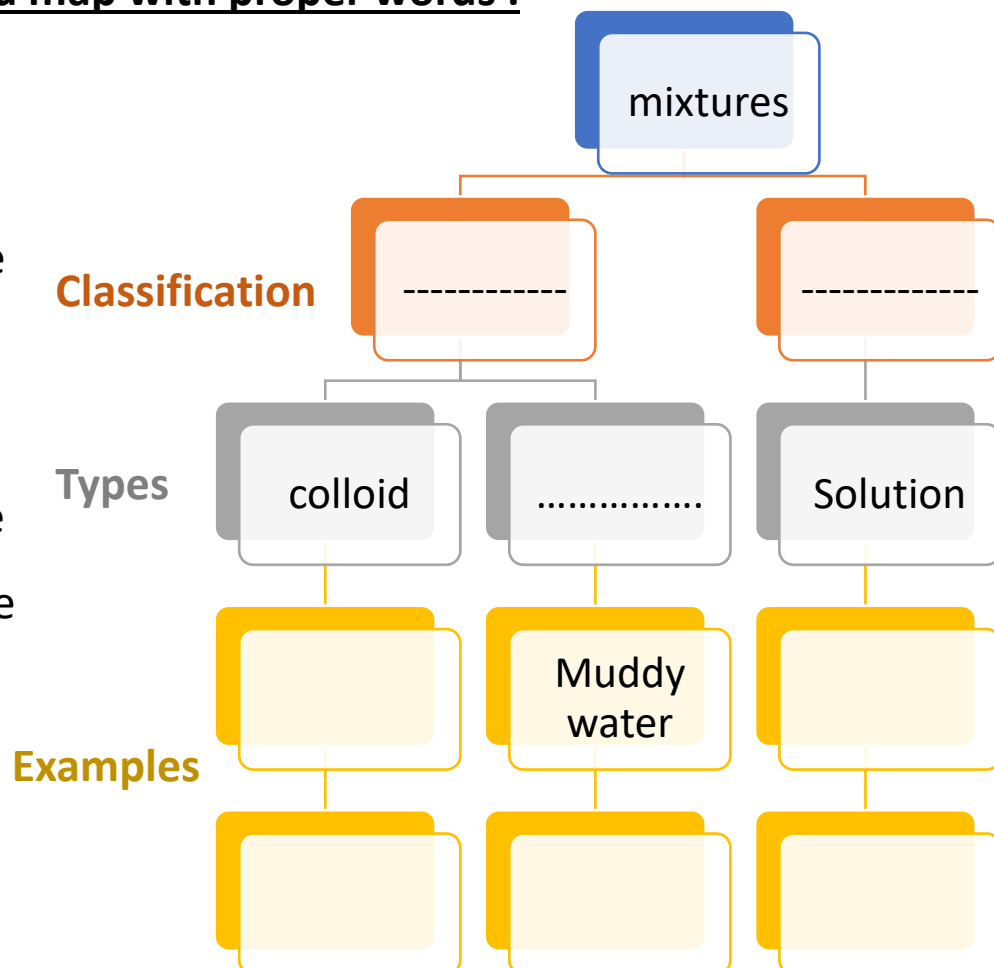
pressure. When the pressure is released, the carbon dioxide gas bubbles out of the solution.

Example of a Mixture	Type of Mixture
milk and cereal	heterogeneous
hand soap	homogeneous
spray paint	colloid
oil and water	suspension
drink mix and water	solution

Q1: Fill the mind map with proper words :

Bank words

- Oil +water
- Heterogeneous
- Suspension
- Foam
- Cranberry juice
- Homogeneous
- Tap Water
- Milk



الهدف من السؤال : الطالب قادر أن يصنف الخليط تبعا لنوعه و خواصه

Q2: Sort the mixtures according to their properties and types

Words

Oil + water / sugar +water / muddy water / fruit salad

Foam / wipped cream / mixture of candiies / handsoup

colloid	Suspension	Homogeneous	heterogeneous

Q3: Fill the blank with proper words:

A _____ is a physical combination of two or more substances

Mixtures that have parts that are not uniformly mixed together are called _____

A _____ can settle out over time, showing the parts of the mixture

A _____ is a heterogeneous mixture in which the parts are so small that do not settle out

A _____ is a type of homogeneous mixture like tap water and sugar water

الهدف من السؤال :
أي تغير في المادة خلال أي عملية سواء تسخين أو تبريد أو خلط أو دمج بين
المواد الكتلة ستظل محفوظة لا تتغير أثناء أي تغيير كيميائي أو فيزيائي

Changing States of Matter

The average movement of particles in an object is determined by the amount of energy in the object. Temperature is a measurement of this movement. When energy is added, the particles move faster. When energy is lost, the particles move more slowly. When enough energy is gained or lost, there is a change of state.

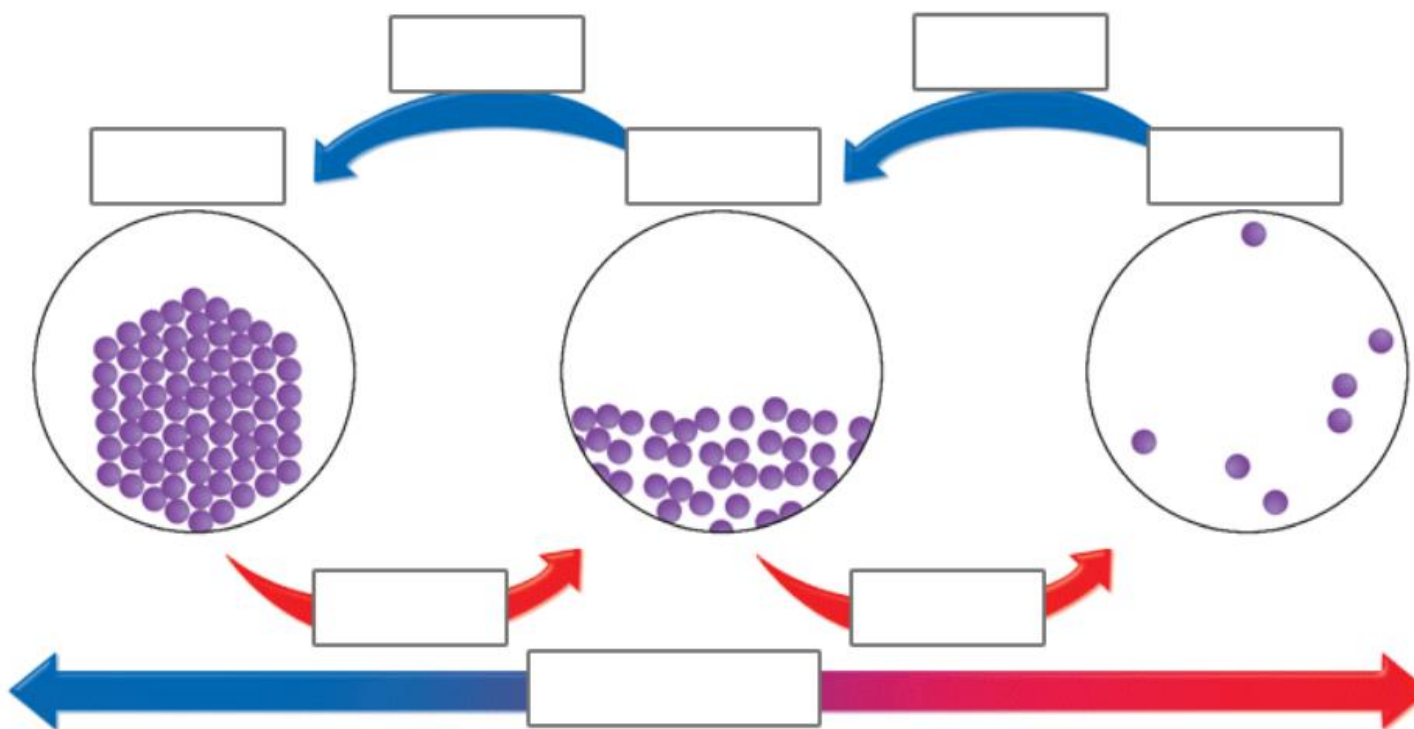
Adding Energy When energy is added to a solid, the particles start to move more quickly. When the particles move quickly enough that they slide past each other, the solid becomes a liquid by melting. If even more energy is added to this liquid, the particles' speed continues to increase and they move away from each other. As the particles spread out enough, liquid evaporates, becoming a gas.

Removing Energy If a gas loses energy, its particles slow down and move closer together. They start to slide past each other again. A liquid forms through a process called condensation. If the liquid loses enough energy, freezing occurs and a solid forms.

Label a Diagram Use information that you read to label the states of matter in the diagram above. Label the process of how each state of matter changes from one to the other.

يجب على الطالب حفظ مخرجات الصورة في هذه الصفحة

Fill the diagram with proper words



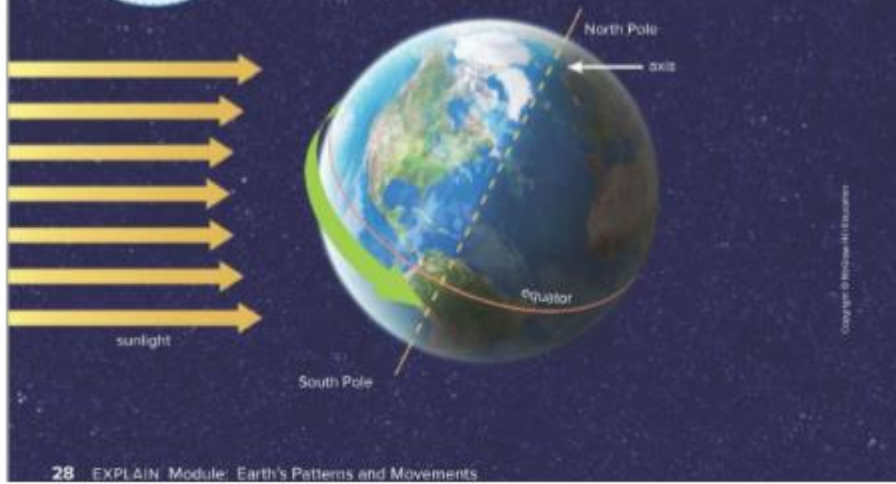
Answer the questions below:

A mass of 150 ice cubes of water is heated and changes to liquid state. What is the mass of liquid water?

Explain your answer

This diagram shows Earth's rotation and axis. The green arrow represents the direction of Earth's rotation, while the dotted line shows Earth's tilt, or axis.

darkness during the summer. In the winter, the amount of daylight is shorter.



على الطالب يحفظ و يفهم
الصورة
ملم بالكلمات التالية
Rotatation
Axis
Tilt
Day and night
24 hours
ملاحظة السهم الأخضر
بأي اتجاه
أشعة الشمس بأي اتجاه

Answer the question:

The graph above shows one of the earth motion ,what is called ?

If the Earth was not tilted what will happen?

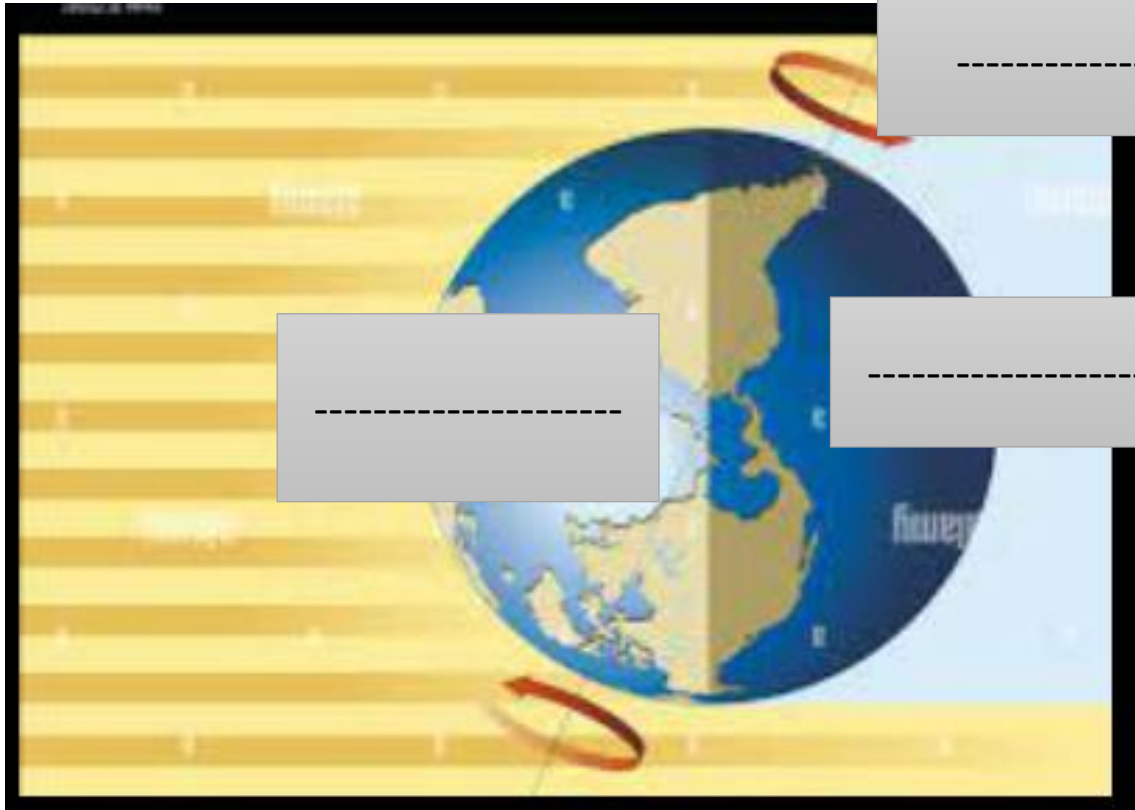
What this motion causes ?

How long will take earth to complete one spinning around it is axis ?

Q1: Fill the diagram with proper words

Night / axis / day

Q2: Draw an arrow to show earth's rotation direction



على الطالب أن يحفظ مواقع الشمس في سماء كل فصل تكون عالية جدا في السماء خلال فصل الصيف و منخفضة جدا في السماء خلال فصل الشتاء و معتدلة أو في الوسط خلال فصلي الربيع و الخريف

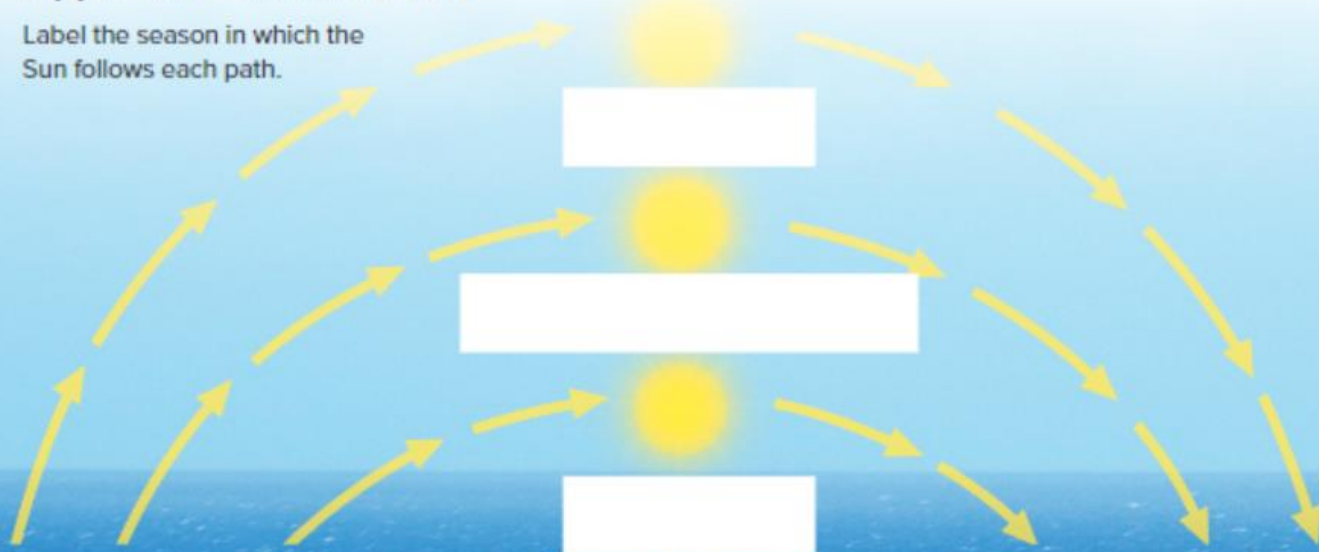


Seasons details in Northern hemisphere

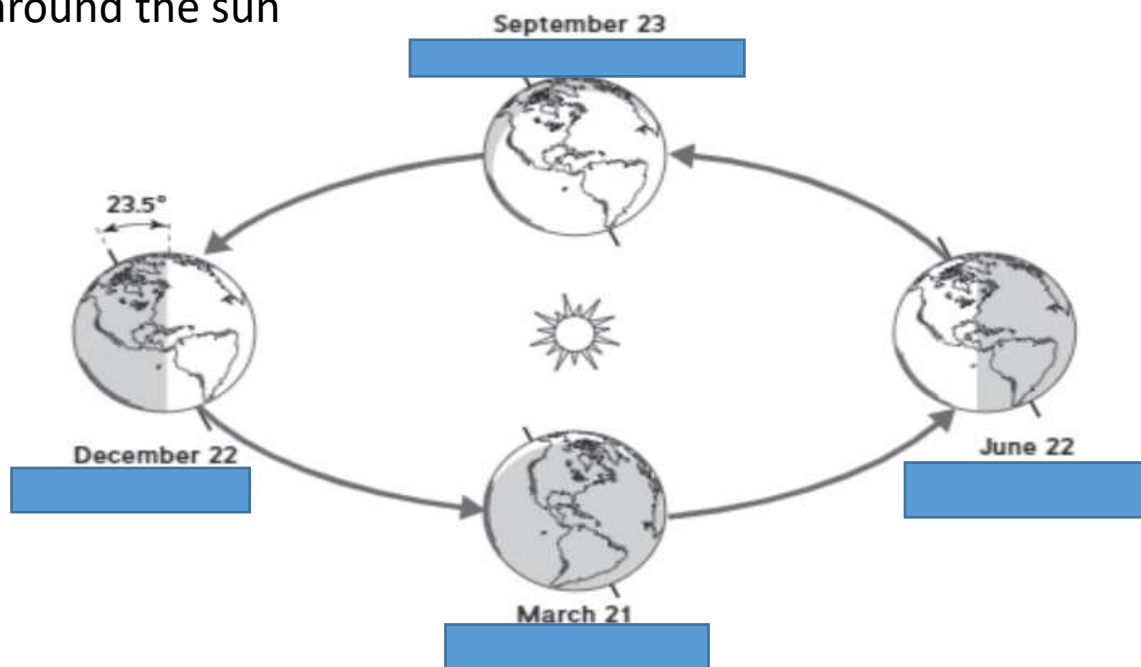
	Summer	Winter	Autumn	Spring
Daylight	Not equally	Not equally	Equally	Equally
Start at	Summer solstic 21/june	Winter solstic 21/december	Autumnal or fall equinox 22/september	Spring /vernal Equinox 21 /march
Sun position	Highest in the sky	Lowest in the sky	At Middle of sky	At middle of sky

Apparent Path of the Sun

Label the season in which the Sun follows each path.



Label the seasons in which the earth revolves around the sun



Phases of the Moon



The "mini-moons" along the blue inner circle indicate the direction from which the Sun's rays are shining.

REVISIT Revisit the Page Keeley
PAGE KEELEY Science Probe on page 23.
SCIENCE
PROBES

Moon's phases

Moon orbit around Earth and takes around **29.5 days** to complete one revolution

During this moon seem to have different shapes what we called **Moon's phases**

أطوار القمر

القمر يدور حول الأرض دورة كاملة يحتاج فيها إلى 29.5 يوم ليكمل فقط دورة واحدة

خلال هذه الدورة نراه مضيئاً بأشكال مختلفة هذا ما نسميه بـ

Moon's phases

➤ بدأ بالقمر المظلم اسمه

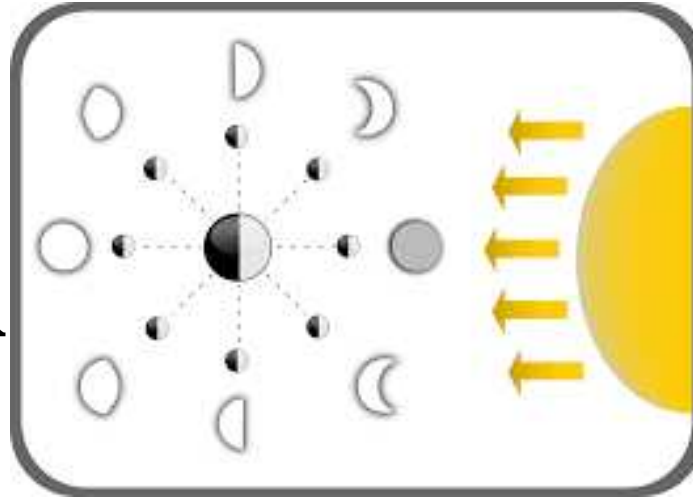
new moon

➤ كلما يزيد ضوءه نطلق على هذه الزيادة

Waxing

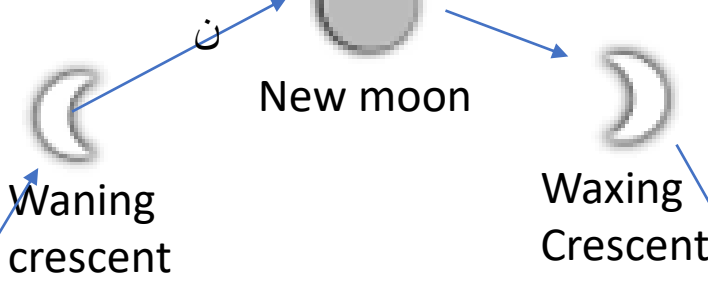
➤ حتى نصل إلى قمر مكتمل ضوءه و نطلق عليه

Full moon



➤ بعد ما يكتمل ضوءه يبدأ الضوء بالنقصان و نطلق عليه

Waning



نراه مضيء على شكل هلال

هلال: Crescent



نراه كأنه نصف مضيء

quarter

نراه كأنه ثلاث أرباعه مضيء

gibbous

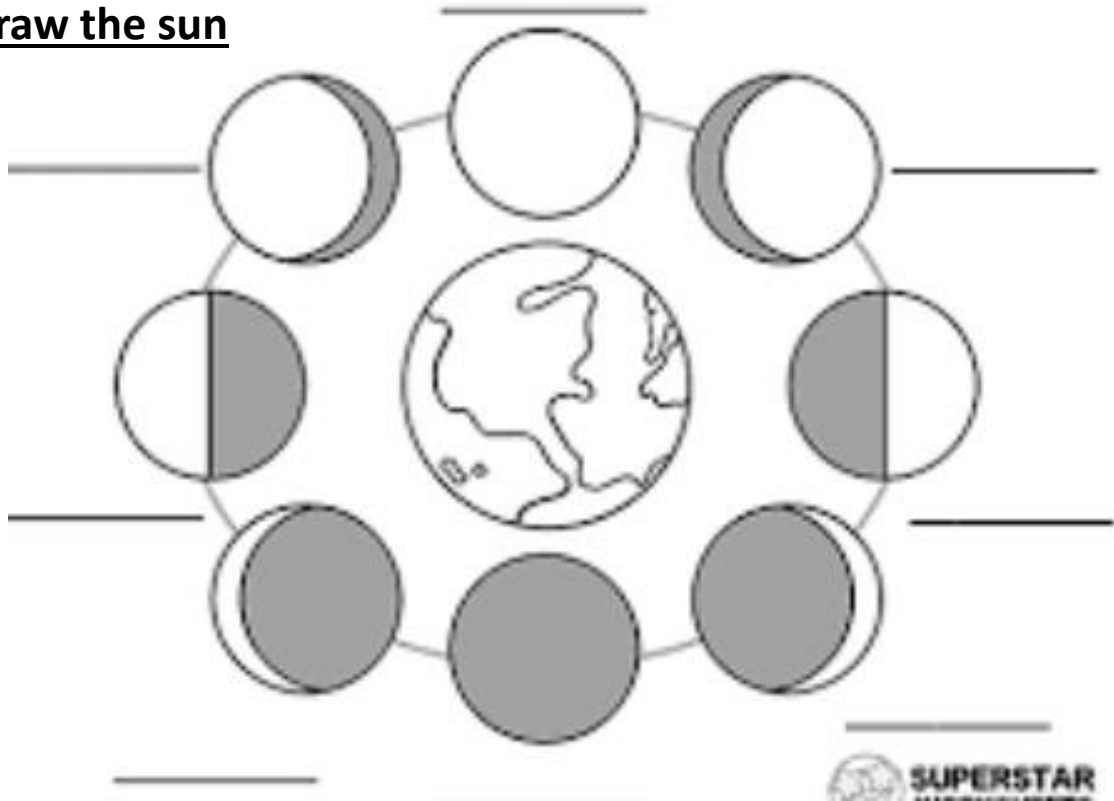
Waning gibbous

Waxing gibbous

Full moon

Q1: Label moon's phases

Q2: Draw the sun



Q3: Essay question

Explain why we cannot see the new moon, or it is look dark ?

How long one completed Moon revolution around earth will take?

Is it reallly Moon appears in space like what we see from earth ?
