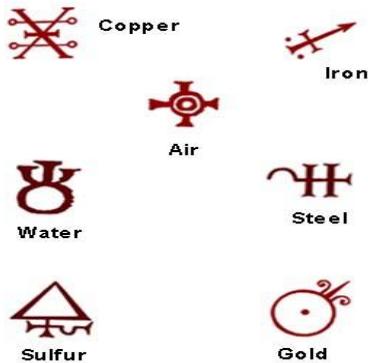


Alchemy(煉金術) & Chemistry



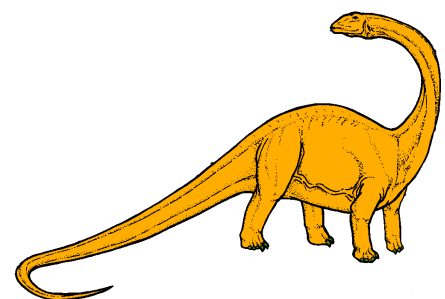
☞ Symbols of Alchemy

☞ Elements of Alchemy.

'Alchemy' and 'Chemistry' in the seventeenth century referred to the same discipline, namely the study of matter by analysis, synthesis and transmutation. In fact, the common term describing the practical art of manipulating matter was 'Chemistry'. Thus Robert Boyle's most famous book was called the Sceptical Chymist (1661). It was not until the third decade of the eighteenth century that writers began to reserve the term 'alchemy' for attempts to transmute base metals into gold. And it was not until the writings of the occultists(神祕主義學者)in the nineteenth century and Carl Jung in the twentieth century that alchemy was defined in essentially spiritual or psychic terms.

Jurassic (侏羅紀) & Biology

The Jurassic is a geologic period and system that extends from about 99.6 million to 145.5million years ago. During the Jurassic period, the primary vertebrates (脊椎動物) were multifarious such as fish and marine reptiles. The latter include plesiosaurs (蛇頸龍) and marine crocodiles. On land, large archosaurian reptiles (爬行動物) remained dominant. The Jurassic was a golden age for the large herbivorous dinosaurs known as the sauropods (蜥腳類動物) — Camarasaurus (圓頂龍), Apatosaurus (迷惑龍), and Brachiosaurus (腕龍) etc. Since the Jurassic contains a wide variety of species which is unusual and important to the Biological evolution, it is still the study topic of many biologists.



2011 年十大科學新聞選舉

本學會正舉辦 2011 年十大新聞選舉，以提高同學對科學新聞的關注，從而培養對科學的興趣。各位同學可參閱以下候選新聞，在選票中依次填上你喜愛的選項。參與是次活動的同學將獲得精美小禮物乙份，請各位踴躍參加。詳細新聞內容，請參閱科學學會之壁報板。

候選名單	
No1. 超光速粒子挑戰愛因斯坦相對論	No 2. 世界人口超過 70 億
No 3. “蘋果”創始人喬布斯去世	No 4. 德國爆發腸出血性大腸桿菌疫情
No 5. 中國發射“天宮一號”	No 6. 日本大地震引發核危機
No 7. 屠呦呦獲拉斯克臨床醫學獎	No 8. 超級雜交水稻畝產首次突破 900 公斤
No 9. 中國科學家提出生物進化動力新假說	No 10. 長達兩千年氣候紀錄出爐 熱帶或經歷嚴重水短缺
No 11. IP 地址用盡 IPv6 開始試用	No 12. 合成生物學取得多項進展
No 13. “太空中存在氧分子”首次得到確認	No 14. 火星上的流動水證據首次被發現
No 15. 距今 135 億年的最古老星系現身	No 16. 人類祖先在 320 萬年前就已靠雙腳行走
No 17. 地球歷史上最大一次生物滅絕原因揭曉—有毒煙霧雲	No 18. 太空梭退役
No 19. “第二地球”現身	

以下是本次投票活動的選票，同學可將表格剪下，並投入理科學會壁報板所附之收件箱內。

姓名: _____ 班別: _____ ()

喜愛順序:

1. No__ 2. No__ 3. No__ 4. No__ 5. No__
 6. No__ 7. No__ 8. No__ 9. No__ 10. No__

Reminder:

There will not be any lunch time video show on January due to the examination! The topic of February is "Adventure"-----地球

歷險記

科普講座名稱	日期	時間	地點	講員
食用和藥用真菌	1月7日 (星期六)	1435 - 1530	香港科學館 演講廳	香港中文大學生命科學學院趙紹惠教授
健康食品、營養與免疫力	1月7日 (星期六)	1545 - 1645	香港科學館 演講廳	香港中文大學生命科學學院食品及營養學教授兼理學院助理院長梁國南教授
供水安全的輻射監測	1月14 (星期六)	1530 - 1630	香港科學館 演講廳	水務署水務化驗師林立基博士

SCIENCE SOCIETY 2011-12

CHAIRPERSON: MAK SHUN KI 麥順淇 4E

COMMITTEE MEMBER:

LAU WAI NIM 劉威念 4A, **LEE KA HANG** 李嘉恒 4A, **TANG PUI KEI**

鄧珮琦 4A, **LAM HO LIM** 林皓廉 4D, **WONG CHUN FUNG** 黃進鋒 4D,

CHAU IRIS 周雅詩 4E & **CHIK CHUNG YIN** 植頌然 4E

~>_<~ **Relax a moment!** (extremely difficult version) ::>_<::

We successfully held the second funny experiment on the 20th of December.

In the next funny experiment, We will do more interesting and incredible experiments with the participants. Hope you can join us!

		5	3					
8							2	
	7			1		5		
4					5	3		
	1			7				6
		3	2				8	
	6		5					9
		4					3	
					9	7		

Please welcome to join our lunch time video show activity. There are many exciting videos are waiting for you!

Previous Answer:..

2	5	7	8	4	3	1	9	6
6	1	4	9	7	2	3	5	8
8	9	3	6	1	5	2	4	7
3	8	1	4	2	9	6	7	5
9	6	2	7	5	8	4	1	3
4	7	5	3	6	1	8	2	9
1	3	8	5	9	4	7	6	2
5	4	6	2	8	7	9	3	1
7	2	9	1	3	6	5	8	4

Science Quiz (1/1-31/1)

Q1. Which of the following is not involved in the study of matter?

A. Analysis B. Evaluation C. Synthesis D. Transmutation

Q2. In fact, the common term describing the luxurious art of manipulating matter was called 'Chemistry'. (T/F).

Q3. The aim of 'Alchemy' is to transmute base metals into gold. (T/F)

Q4. During the Jurassic period, there was no marine animal. (T/F)

* Q5. Which of the following(s) could be found in the Jurassic period?

(1).Human (2) Apatosaurus (3). Crocodiles (4). Fish (5). Bird (6). Camarasaurus

A. (1)only B. (2),(4)and(6) C. (2),(3),(4)and(6) D. (2)(3),(4),(5)and(6)

Previous Answers (1/12-31/12): Q1. A Q2. T Q3. F Q4. T Q5. C

You can use the answer sheet on the right to answer the question. Collection box is put on the notice board of Science Society near the Staff Common Room (Rm102). The students who answer all correct will be given a special gift. Everyone can submit one answer sheet only. Extra copy of "Sound of Science" can be found in library. Thanks for your participation!

Name: _____

Class: _____(____)

1. _____

4. _____

2. _____

5. _____

3. _____

Hope you can find out the answers and know more about Science!