

English Speaking Day (Jan 21) – English iDo Game for F.2

WHAT: Science

WHEN: At lunchtime (1:00-1:25) and after school (3:30-4:15)

WHERE: Covered playground

HOW to play the English iDo Game

There are altogether THREE questions.

- ☺ 1: Read aloud 5 words from the Vocabulary Bank.
- ☺ 2: What is the function of the apparatus (儀器)?
- ☺ 3: Name the safety rules broken by students and explain the possible consequences.

Each F.2 student is required to answer at least one question (i.e. Question 1). For each question answered, the student can get a stamp on **English iDo Pass**. Students who are able to get THREE stamps by answering all three questions can get a candy.

Do ALL F.2 students have to play this game?

Yes. All F.2 students have to hand in their **English iDo Pass** to class teachers the next morning (**Jan 22**). Those who fail to hand in their cards on time or whose cards are blank have to stay after school to meet the basic requirements. So, keep the cards well and strive for your best to take part in it. Enjoy the game! ☺

You may also play the **1-minute Challenge Game** in order to get another candy. Simply give a 1-minute talk on topics related to Science and you can get a **Thumbs-up Token** from the Staff or English Ambassadors. If you have got two tokens, you can get a candy.

S2 English iDo Pass

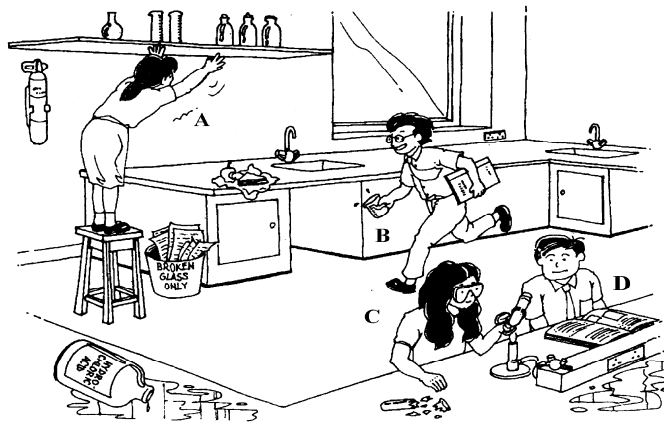
STAMP ONE	STAMP TWO	STAMP THREE

Good Luck on English iDo!!!

☺ Question 1: Read aloud 5 words from the following vocabulary bank.

Part A. Air					
1	atmosphere	大氣層	19	starch	澱粉
2	nitrogen	氮	20	alcohol	酒精
3	oxygen	氧	21	variegated leaves	斑葉
4	carbon dioxide	二氧化碳	22	destarching	脫澱粉
5	noble gases	貴氣體	23	control	對照
6	water vapour	水汽	24	gaseous exchange	氣體交換
7	burning splint	燃燒中的木條	25	sodium hydrogencarbonate	碳酸氫鈉
8	glowing splint	有餘燼的木條	26	diaphragm	橫隔膜
9	hydrogencarbonate indicator	碳酸氫鹽指示劑	27	bronchus	支氣管
10	lime water	石灰水	28	nasal cavity	鼻腔
11	cobalt chloride paper	氯化鈷試紙	29	intercostal muscle	肋間肌
12	desiccator	乾燥器	30	trachea	氣管
13	respiration	呼吸作用	31	bronchiole	小支氣管
14	diabetes	糖尿病	32	blood capillary	微血管
15	photosynthesis	光合作用	33	rib cage	肋骨籠
16	chlorophyll	葉綠素	34	stoma	氣孔
17	by-product	副產品	35	lichen	地衣
18	iodine solution	碘液	36	nicotine	尼古丁
Part B. Electricity					
1	circuit	電路	17	parallel circuit	並聯電路
2	electrical conductor	導電體	18	circuit symbol	電路符號
3	electrical insulator	絕緣體	19	live wire	活線
4	electron	電子	20	neutral wire	中線
5	electric current	電流	21	earth wire	地線
6	voltage	電壓	22	overloading	超負荷
7	resistance	電阻	23	short circuit	短路
8	ammeter	安培計	24	fuse	保險絲
9	voltmeter	伏特計	25	universal adaptor	萬能插蘇
10	ampere	安培	26	fuse rating	保險絲額定值
11	volt	伏特	27	circuit breaker	斷路器
12	ohm	歐姆	28	earthing	接地
13	switch	開關	29	power	功率
14	resistor	電阻器	30	watt	瓦特
15	rheostat	變阻器	31	magnetic effect	磁效應
16	series circuit	串聯電路	32	electromagnet	電磁鐵

☺ **Question 2:** In the science laboratory, some safety rules must be followed. Name the safety rules broken by students A, B, C, D and explain the possible consequences.



Student A should not stand on the stool, or she may fall down and hurt herself.

Student B should not run in the laboratory, or he may knock down someone.

Student C should tie her hair back, or her hair may catch fire.

Student C should not point the test tube to D or the hot liquid may splash out.

Student D should also wear safety goggles to protect his eyes.

☺ **Question 3 :** What circuit components do the circuit symbols represent? What are their uses?

Answer: e.g. It represents a connecting wire which is used to complete the circuit.

Circuit symbol	Circuit component	Circuit symbol	Circuit component
	Connecting Wire (To complete the circuit.)		Dry Cell (To supply energy.)
	Battery (To supply energy.)		Battery (To supply energy.)
	Switch (To break and connect the flow of electricity.)		Light Bulb (To give out light.)
	Ammeter (To measure the size of current.)		Voltmeter (To measure the size of voltage.)
	Resistor (To increase the resistance of the circuit.)		Rheostat (To change the resistance of the circuit.)