

FUKIEN SECONDARY SCHOOL
S6 First Term Uniform Test (2020-2021)
English Language Paper 3
Listening
(2 hours)

Data File

Date: 19th October 2020

Name: _____

Time: 8:30a.m. – 10:30a.m.

Class: S 6 _____ No.: _____

GENERAL INSTRUCTIONS

1. Refer to the instructions on Page 1 of the Question-Answer Book for Part A.

INSTRUCTIONS FOR PART B

1. For Part B, attempt tasks 5-7.
2. You are advised to use a pen for Part B.
3. The Data File will be collected at the end of the examination.
4. Do **NOT** write your answers in the Date File.

Part B**Situation**

You are Sammie Yip. You are the Secretary for the Inter-school Science and Technology Society. You assist Ms Emily Chu, your school's Science teacher and the Chairperson of the Inter-school Science and Technology Society. The society is currently organizing its annual Science Fair, which will take place soon. Ms Emily Chu has asked you to do some tasks.

You will listen to a recording of a Skype chat between Mr Alan Tsang, the Vice-chairperson of the Inter-school Science and Technology Society, and Emily Chu. Take notes under the appropriate headings.

Before the recording is played, you will have five minutes to study the Question-Answer Book and the Data File to familiarize yourself with the situation and the tasks.

Complete the tasks by following the instructions in the Question-Answer Book and on the recording. You will find all the information you need in the Question-Answer Book, the Data File and on the recording. As you listen, you can make notes on page 3 of the Data File.

You now have five minutes to familiarize yourself with the Question-Answer Book and the Data File.

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Listening note-taking sheet for Skype chat on Thursday 31 October 2019

Listen to the recording of a Skype chat between Mr Alan Tsang and Ms Emily Chu.

Details about the Science Fair

Information about sponsors and financing

Feedback on the Science Fair web page

Information about Emily Chu's speech

Email from Emily Chu to Sammie Yip

To: Sammie Yip
From: Emily Chu
Subject: Things to do

Sent: Sun 3 November 2019 9:05AM

Hello Sammie,

I need you to help me out with a few things in preparation for the Science Fair.

First, as you know, we have to get by with just one sponsor this year. Please write a report outlining what our options are and recommending a sponsor. Give reasons for your choice and details of the sponsorship. In terms of the financing of the fair, see how much we will spend and make, and calculate to see if there is a shortfall. If so, please explain it by providing the relevant figures, and then give a suggestion as to how it might be solved. Start by looking at the minutes from Tuesday's meeting and the notes you took from my Skype chat with Alan.

Second, I'll forward you a WhatsApp message I received from Mr Joshua Fung, our contact person at the hosting school. Please send him an email answering his questions. Make sure you properly outline all the requirements for the fair and give him all the necessary information. Take a look at the meeting minutes and the report on last year's fair to help you.

Finally, could you please write the introductory speech I'll be giving at the fair? I'll give you my ideas for the speech and you can also refer to your notes from the Skype chat. I'd like to see the speech written out in full.

Thanks,

Ms Chu

Emily Chu's notes**SF speech**

opening (as discussed)



mention a problem facing us + ways science can help



encouragement for parents: sth to open their eyes to the potential of a STEM degree



real-world example of what taking part in SF can do for you: 2017 winners + relevant quote

Minutes of the meeting of the Science Fair Committee**Meeting of the Science Fair Committee**

Date: Tue 29 October 2019
Venue: Ga Yau Secondary School
Chairperson: Emily Chu
Members: Alan Tsang
Tim Wan
Candy Lam
Secretary: Sammie Yip

Attendance and venue

Ms Chu opened the meeting by announcing that there will be one more school taking part this year, Victoria Secondary School. Though team submissions have yet to start coming in, Mr Wan calculated that this is likely to result in a 20% increase in the numbers of teams and competitors. He reminded that this needs to be taken into account when deciding the facilities and resources needed for the event.

Mr Wan announced that he will conduct a site visit to the venue this weekend to check what facilities are available. Ms Chu reminded him that the venue needs to have plenty of open floor space for the teams' displays. As for the other facilities and resources, the requirements remain the same as last year. Except for the stage and the display boards (of which we will require one per team), the Society will bring all necessary resources and equipment to the venue on the day of the fair.

Financing

Ms Lam reported that all of last year's sponsors—with the exception of KDS Industries, which has gone out of business—have expressed their willingness to once again sponsor the fair, matching last year's contributions. She pointed out that the projected increase in the number of competitors will result in a commensurate increase in the total cost of organizing the event, which might in turn result in a shortfall in the financing. If so, a decision will have to be made as to whether we should ask for further contributions from the participating schools or introduce a fee for the competing teams. The Society does not currently have the resources to bear any of the financial burden for this year's fair.

Interview with Professor Sofia Young (extract)***Scientific Hongkonger***

SH: Now, Professor Young, it is of course undeniable that science has contributed greatly to human progress over the course of the last century in particular. But there are still many problems left to solve. What do you see as the greatest challenges facing scientists today?

Young: Well, space—and the possible existence of life elsewhere in the universe—probably remains the greatest unsolved mystery, but if I limit my answer to terrestrial affairs, I'd say the greatest problem science could solve is death.

SH: Hang on, are you talking about *curing* death?

Young: Yes, or avoiding it, more accurately. I have no doubt that it can be done. Medical science has progressed by leaps and bounds in just the last decade and I don't think we're that far away from eliminating death altogether. Of course, whether this is desirable is another question entirely, and one better suited to other academic fields such as ethics. An area where science can play—and is playing—a categorically beneficial role is in addressing the issue of climate change. It's up to scientists to help reduce carbon emissions by making our renewable energy sources more efficient and by finding new ones.

SH: Yes, it's hard to argue with that. And, of course, considering the havoc climate change is already wreaking on our planet, we also need to rely on scientists to find ways to mitigate its harmful impacts.

Young: Oh, for sure! When looking to the future, I can't really identify any work, in any field or industry, that is of greater significance than that.

WhatsApp messages from Emily Chu to Sammie Yip**3 November 2019***⇒ Forwarded*

Hi Emily, this is Joshua Fung. I heard a society representative will do a site visit soon to check on the facilities. Once you have decided on the appropriate venue, please let me know asap so we can make the booking and all the necessary preparations. Also, what other resources and equipment are needed for the fair? Who will be providing what? Thanks.

09:59 AM

Emily

Got the above on Friday. Could you check with Tim how the site visit went, and then reply to Mr Fung? Make sure you explain our reasoning for the choice of venue and provide as much info as possible about the resources and equipment (like how many we'll need of each item).

10:00 AM

Emily

BTW, I thought of a 'problem' for my speech: climate change!

10:02 AM

News report from the Kowloon College school newspaper**KC alumni bound for success**

The *KC Correspondent* just got word that two of our illustrious alumni have received full scholarships to the Massachusetts Institute of Technology. Our heartfelt congratulations go out to Stanley Wong and Tara Kwok of the graduating class of 2018! Stanley and Tara were one half of the team that brought great honour to KC by taking home the trophy of the 2017 Science Fair organized by the Inter-school Science and Technology Society. When reached for a comment, Stanley didn't hesitate to point out the significance of that particular achievement. 'It's what clinched the scholarship, no question! Taking part in the Science Fair definitely put me on the path to success.' Good luck, Stanley and Tara—you're an inspiration to us all!

Skype chat between Sammie Yip and Tim Wan

Show messages from: **today** | yesterday | 7 days | 30 days | 3 months

Sunday, November 3, 2019 10:14AM

Sammie: Hey Tim, just checking: did you get around to visiting KC?

Tim: Yup, I went there yesterday. There's an assembly hall, a gymnasium, an auditorium, a student activity centre and a sports field. That last one is outdoors, so not the greatest option if it's raining.

Sammie: No, that won't work. What about the capacity of the other options?

Tim: About 500 seats in the assembly hall and 300 or so in the auditorium.

Sammie: Seats? Can those be removed?

Tim: I seriously doubt that—they're pretty solid. The student activity centre is gorgeous though. You could squeeze about 250 people into it.

Sammie: And the gym?

Tim: Not as impressive—it's basically just an indoor football pitch—but it's massive, probably twice the capacity of the activity centre.

Sammie: OK, noted. Did you ask about equipment at all? Like, is there a PA system?

Tim: A what system?

Sammie: A public announcement system—you know, speakers and such. We'll need it for the speeches and the presentations.

Tim: Yeah, they've got one of those. And didn't Emily say we also need clip-on mics for the presentations? They haven't got those.

Sammie: OK, we'll have to sort that out, then. We'll need four for the team presentations.


Tim: Plus one for the MC, right?

Sammie: Yes, so five.

Tim: And we'll need a laptop for each participating school, so the teams can upload their presentations.

Sammie: We need some backups, just in case.

Tim: No worries, we have ten. I'll bring them all, so no need to bother KC.

Sammie: 

Tim: By the way, just found a blog post about an event similar to ours. See if you'll find it useful in any way.

<https://www.hkblogosphere.com.hk/geekinout>

Sammie: Thx!

Tina Yang's personal blog


<https://www.hkblogosphere.com.hk/geekinout>


Geekin' Out


Tina Yung

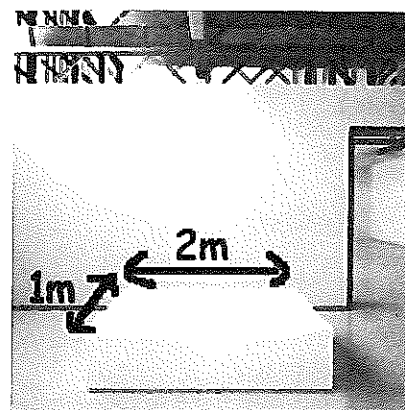
Executive officer for Hong Kong Scientific Research Committee.
Self-confessed science geek.

Takeaways from the inaugural HK Young Scientists Contest

Sunday 5 May 2019

Our very first Hong Kong Young Scientists Contest was held yesterday, and it was a smashing success! Over the course of the day, 20 teams from all over Hong Kong subjected their amazing projects to the scrutiny of the judges and an audience of about 100 people, and then took turns giving presentations on stage. First prize went to Shun Tak Secondary School for their fantastic speaking robot. For their efforts, each team member got a one-year free cinema pass from Broadbent Cinemas Inc. Tsing Yi College took home the second prize, a one-week science mentorship courtesy of the Hong Kong Technological Innovation Board (HKTIB). Massive thanks to both sponsors, who helped finance the event, thereby enabling us to keep participation free for the teams.

Everything went more smoothly than we expected, except for one thing, which was one lesson learnt for next year's event: make sure the stage is big enough for a team presentation—we actually had one student fall off! But all in all it was a fantastic day!



Here's our stage. Too small for a team presentation!

Comments (4)

Joe 6 May 2019 18:34

Embarrassed to say this, but I was the one who fell off the stage ... No hard feelings, but the stage really should have been twice the size.

Ellie 6 May 2019 20:19

Really appreciate it that there was no fee for the teams. Like most of the contestants, we spent quite a lot on our project as it was, so I don't think you would have had as many students taking part if you'd charged us. Thanks, Broadbent & HKTIB!

RC 7 May 2019 08:56

So wish I could have joined, but my parents don't want me to waste my time on science—they've already mapped out my future in the world of business ...

Tina Yang 7 May 2019 09:11

Then science and technology are just what you need, RC! Did you know that according to the Harvard Business Review, the most common degree among the world's top-performing CEOs is now Engineering, not Business? So make sure you sign up next year!

Financial report on last year's Science Fair

Inter-school Science and Technology Society Science Fair 2018

Introduction

The purpose of the annual Science Fair is to further the Society's main objective of fostering a passion for science and technology among the Hong Kong student population. The 2018 Fair was the largest yet.

Participation

	Year 2017	Year 2018
No. of schools	5	5
No. of teams	33	35
No. of students	132	140
No of guests*	118	126

*Maximum one guest per student

Financing

	Year 2017 (\$)	Year 2018 (\$)
Marketing	-12,000	-18,000
Operation	-28,000	-32,000
Total costs	<u>-40,000</u>	<u>-50,000</u>
Contributions from participating schools	25,000	30,000
Sponsorship from HKTIB	4,000	6,000
Sponsorship from KDS Industries	6,000	7,500
Sponsorship from Broadbent Cinemas Inc.	4,500	6,500
Contribution from Inter-school Science and Technology Society	1,000	0
Total income	<u>40,500</u>	<u>50,000</u>
Balance	<u>500</u>	<u>0</u>

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