

《高中英语（上外版）》必修第三册 Unit 4 Life and Technology

课时：第 7 课时

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课题：A Survey on App

课型：探究应用课

一、教学设计与说明

1. 教学目标

本课为本单元的第 7 课时，核心目标为引导学生通过小组讨论、同伴合作和评价的过程了，解问卷的基本要素以及口头报告问卷内容以及培养联系所学知识点分析原因的能力。

2. 教学设计思路

本课为本单元的第 7 课时，本单元的最后一个课时，课外探究应用课时，通过前期的积累，学生对于科技在生活中应用的利弊已经形成了比较完整的概念，通过此部分的探究联系学生的日常生活（手机 app 的使用），从生活现象导入，学生进行自我归纳形成初步的分类概念，分类之后进行有目的地设计问卷，再以小组合作的方式进行问卷的改善和总结，得出设计一个有效问卷的要素和标准。并将此为抓手进行完善设计问卷的 checklist，在此基础之上进行问卷的执行和样本问卷的数据分析，在分析的过程中再次进行问卷有效性的检查。而在结果的分析过程中，利用数据的特殊性进行其中一个典型现象的简述，分析原因，将前期所学知识点加以应用和再创造，对于科技的特征有更进一步的理解和输出。

3. 教学重点及难点

归纳总结要点,简要口头数据分析以及简单联系所学知识要点进行原因分析。

Lesson Plan

Learning Objectives:

By the end of the period, the students will be able to:

1. be aware of the three basic elements of a survey by group discussion, cooperative learning and peer evaluation;
2. make full use of the data of a valid survey on app and analyze the features and the reasons of the app to conclude a valid report;
3. briefly report the content of the survey results by using key sentence structures.

Learning Procedures:

Interactive activity 1: Warm-up

*T: Recap the task and the requirements;

T: Ask the students to present the items of the survey by referring to the given checklist;

*Ss: Demonstrate the items.

Purpose: To arouse students' interest and check the task assigned before;

Guided question:

1. The survey is to make a brief analysis on what kind of language learning apps tends to be more popular among people and what their reasons are.

Checklist:

✓ Whether the items designed include the following three checkpoints:

Who the respondents are, what they do and what they think.

✓ Whether the items are clear and logic.

✓ Whether the content is positive and avoid sensitive information.

✓ Whether the structure is clear and orderly.

2. Could you present the questions that you came up with for survey/items for the survey?

Interactive activity 2: list the items that the students had for the survey with the checklist.

*T: Write down the key words of the items;

Ss: To check whether the items are in corresponding to the checklist.

Purpose: To put down the different types of items needed for the survey.

Guided question:

Can you match the items with the related checkpoints?

Interactive activity 3: Group Work

*T: Ask the students to match the items with the corresponding checkpoints and work in pairs to add more aspects of the three categories according to the checkpoints?

*Ss: Answer the question.

Purpose: To make the students think of more aspects of the three elements.

Interactive activity 4: summarize the three elements of the survey, and their content respectively.

*T: ask the students to use three words to summarize the three groups of the items.

*Ss: Answer the question.

Purpose: To summarize the three elements of a valid survey.

Guided questions:

Can we conclude the three checkpoints or three groups of items into three words that measuring a valid survey?

Interactive activity 5: Pilot the survey

*T: divide the students into several groups, pilot the questionnaire on a sample of people who are familiar with the target sample the instrument has been designed for.

*Ss: discuss in groups and pilot the survey.

Purpose: To pilot the survey with the updated checklist.

Interactive activity 6: Application

*T: Ask the students to work in groups and briefly evaluate the quality of the sample survey above with the checklists.

*Ss: To answer the questions.

*T: Ask the students to briefly report the data shown on the second picture and analyze the reasons for the most popular app with the knowledge of technology features learned by referring to the checklist below:

- ✓ Whether the report cover all of the data.
- ✓ Whether the report state clearly the relationship between different data.
- ✓ Whether the report's language vary in forms.
- ✓ Whether the report has stated one of the phenomena on the results clearly.

*Ss: To answer the questions.

T: Sample Report Structure.

Ss: To polish the report.

Purpose: To make full use of the data of a valid survey on app and analyze the features and the reasons of the app to conclude a valid report, and briefly report the content of the survey results by using key sentence structures.

Homework:

Conduct a survey on online classes.

1. Design a new survey on the topic below and pilot it among an appropriate group of people.

Which type of app on online classes is more popular during epidemic period? Why?

2. Use bar chart to analyze the results.

3. Report the results, and analyze the reasons.