

外研社·高等英语教育出版分社

推动科研·服务教学·坚持创新

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# 数智赋能教学新生态

## ——《新一代大学英语》（第二版）

### 智慧教学解决方案



外研社 马骊珠

# 《新一代大学英语》（第二版）智慧教学解决方案

## AI数字教材



## 纸数互联互通

- 构建知识图谱，重构知识体系
- 补充线上资源，支持混合教学
- 词汇语法学练，夯实语言基础

## 多元数智功能

- 以智助学：实现智能伴学辅导
- 以智助教：创新备课授课模式
- 以智助评：搭建多元评价体系

# 一、纸数互联互通



# 知识图谱



“ 内容逻辑结构化  
知识关系可视化 ”

- ▶▶ 主题知识图谱：  
素材主题、思政点
- ▶▶ 语言能力图谱：  
语言技能、语言知识

# 知识图谱



“学生

掌握知识全貌，形成系统知识体系，开展个性化学习

“教师

查看学生知识掌握情况，动态调整教学策略

# 线上补充资源

Knowledge of the two texts

Explore 1

Stopping “should” shaming  
— Ending the self-imposed guilt game

The “should” shaming & some tips to set oneself free from this self-reproach guilt

## 微课视频

- 单元导入微课
- 课文分析微课
- 词汇策略微课
- 语法技巧微课
- 翻译技巧微课

## 线上练习

### Understanding the text

1 What personal struggle does the author describe, and what has the author learned along the way? Read the text and complete the summary.

I had always thought I would easily change from my previous self to my college self, but it turns out 1) \_\_\_\_\_ is more complex than that.

### NAVIGATING NEW WORLDS

At the beginning of my college journey, I didn't know how to 2) \_\_\_\_\_ myself and felt disconnected from my college friends. For a year and a half, I have been reconciling the feeling of 3) \_\_\_\_\_ – college me versus home me. College students 4) \_\_\_\_\_ between home and school, and in a few years most of us will move to other places and have new identities.

As we grow, we must accept the fact that the only 5) \_\_\_\_\_ in our lives is ourselves and that our identities will become 6) \_\_\_\_\_ and more separate from those previous factors. In college, we are most 7) \_\_\_\_\_ to belong to ourselves and to the blossoming 8) \_\_\_\_\_ of our identities.



2 Work in pairs. Read the sentences from the text and discuss the questions.

- 1 I remember my first night on campus, lying on a hard and slightly stained mattress, surrounded by four blank walls, and listening to the heartbeat of a fast-moving city outside my window. (Para. 1)  
What was the author's first night at college like? How about your first night at college?
- 2 How could they know me, or I them, if we didn't know one another's self-defining experiences? (Para. 2)  
What are the self-defining experiences that could help us know one another?
- 3 And this sensation of double identity and double worlds, sometimes leaves me feeling uprooted, as if I'm drifting along in the wind, lacking any stable foothold. (Para. 3)  
What does “double identity” refer to? Do you have the feeling of double identity at college?
- 4 There is a certain sadness in realizing this, in watching our identities become more individual and more separate from the factors that originally shaped them. (Para. 5)  
What does “this” refer to? How can our identities become “more separate from the factors that originally shaped them”?
- 5 It is the time in our lives when we are most free to not belong... but to ourselves and the blossoming independence of our identities. (Para. 6)  
What does the author think about the role of college in shaping our identities? Do you agree with the author on that?



Scan the code and complete more comprehension exercises on Ucampus.

### Building your language



Scan the code and complete the language exercises on Ucampus, including words and expressions, collocations, vocabulary learning strategies, and translation.

- 四六级阅读理解
- 四六级生词练习

# AI 自适应语法诊学练



大学生英语能力诊断测试

语法技能个人报告

体验同学：

您好！以下是您本次语法诊断测试的表现报告。您可从这份报告中了解到您目前的英语语法能力水平、各语法项表现等，并在此基础上根据我们提供的学习建议制定下一步的学习目标。在开始使用报告前请了解以下信息：

优诊学大学生英语能力诊断系统是依据《中国英语能力等级量表》，参考《大学英语教学指南（2020版）》等教学指导性文件开发研制。《中国英语能力等级量表》（以下简称“量表”）在研制阶段采集了已有教学大纲和各类大规模考试大纲的描述，经过严谨的研究过程后应用于各级别能力的描述。优诊学测试目的在于诊断学生各技能在量表相应级别上的能力表现。学生可根据诊断报告并参考量表级别与教学要求和主要测试的对应关系，更为准确和个性化地设定学习目标，进而提升英语能力以及在各类语言测试评价中的表现。

一、总体表现

测试结果：67分（满分100分）

本次测试结果表明，您还未掌握大学英语基础目标所需的语法知识，在用英语进行日常工作或交流时，运用相关的语法知识会有一定困难。

《大学英语教学指南（2020版）》所给出的大学英语基础目标的教学要求与《中国英语能力等级量表》五级的能力描述基本一致。以下是《中国英语能力等级量表》句法知识运用能力五级的相关描述：

1. 能使用多种句式结构，如表语从句、定语从句、条件句、非限定结构；
2. 能掌握并使用虚拟语气的复杂形式、情态动词的复杂用法、倒装句等多种形式；
3. 能运用相关语法知识，如代词、冠词、时态、被动语态、并列成分、复合句、非谓语动词等，清晰组织语言。

您本次测试结果在系统数据中的位置

您在系统数据中位置会根据同组学生的测试情况实时更新。

二、各语法项表现

各语法项得分

复合句	15
冠词	25
介词	20
倒装	8
虚拟语气	15
替代	15
主谓一致	15
非谓语动词	15
时态	20
情态动词	23



# AI 自适应语法诊学练

Step 1

## 课前诊断

- 详细诊断报告
- 明确学习目标

Step 2

## 自适应学习

- 定制学习顺序
- 自适应推送题目

Step 3

## 课后诊断

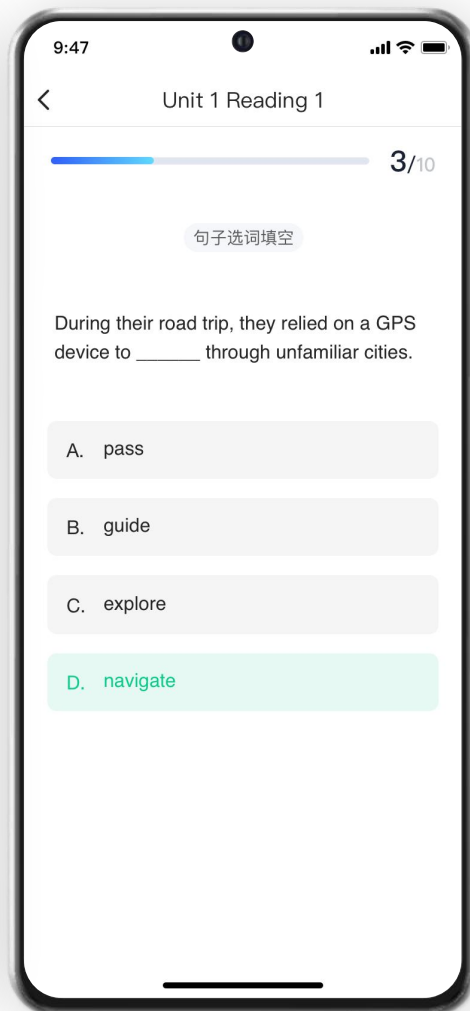
- 检验学习成果



涵盖时态与被动语态、情态动词、非谓语动词、复合句、主谓一致等语法重难点



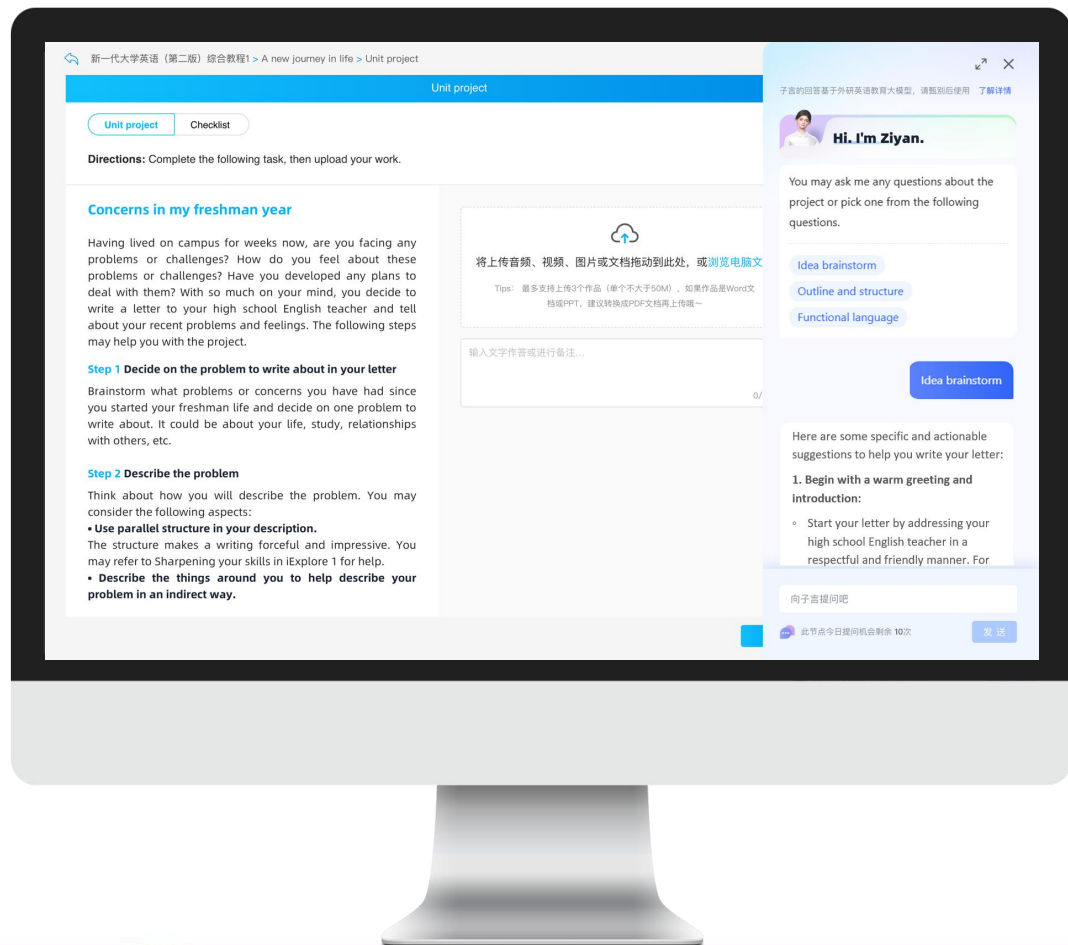
# 词汇学练专区



- ▶▶ 配备教材词书，辅以多类型练习，实现学练一体
- ▶▶ 支持教学管理，监督学习情况，纳入综合成绩

## 二、多元数智功能

# 以智助学：AI助教



## 三种AI助教类型

1

课文学习助教

在课文学习时答疑解惑

2

语言练习助教

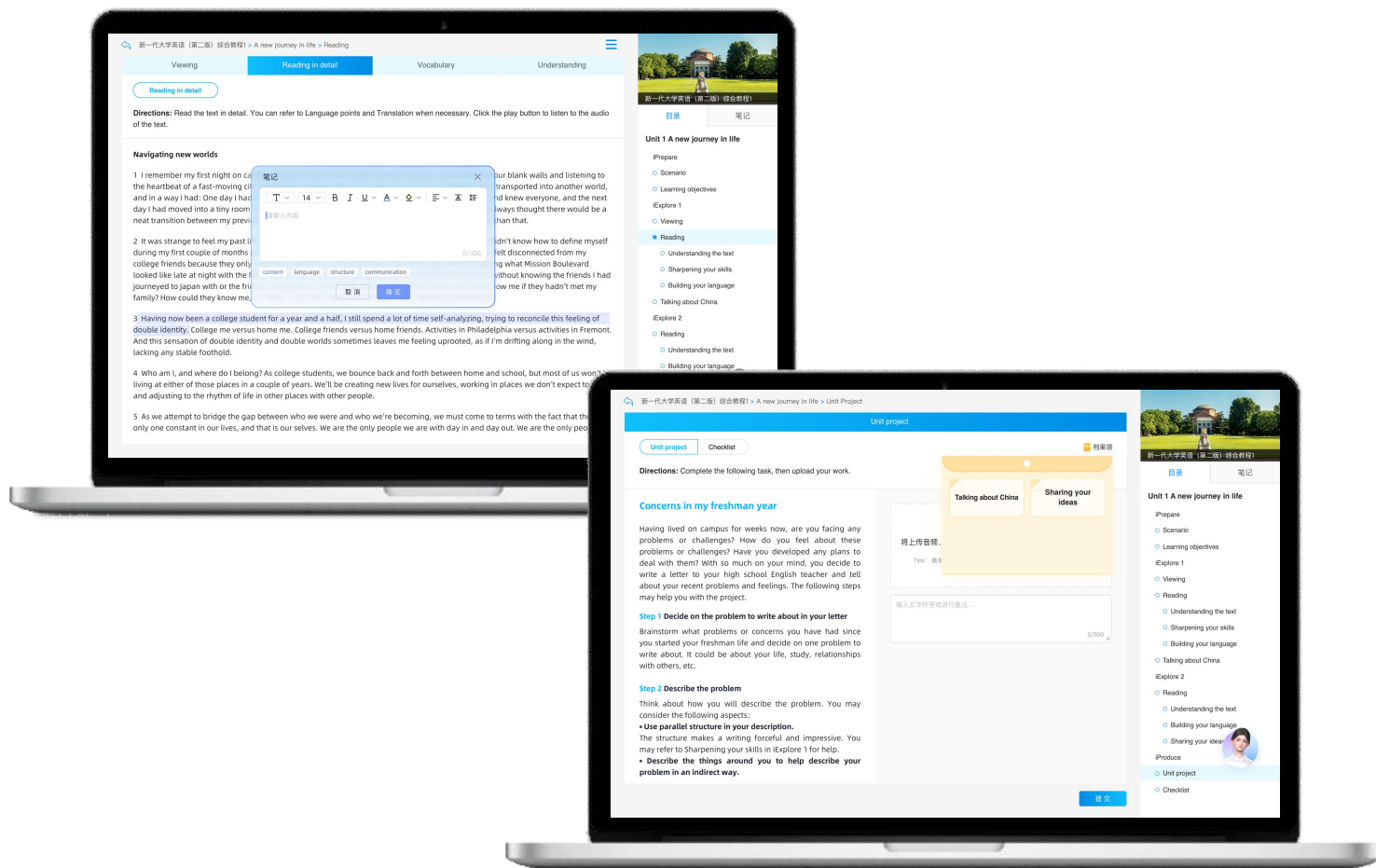
在语言练习后提供答题解析和错题分析

3

写作/口语助教

在完成产出任务时提供产出支架

# 以智助学：产出智慧工具



01

## 笔记本

随时记录学习重点和心得，提升学习效率

02

## 档案袋

收集阶段产出成果，为单元产出作参考

03

## 作品圈

产出成果展示平台，激发学习动力



# 以智助学：产出智慧工具

教师端

评价、查看、选推



学生端

查看、投票

01

## 笔记本

随时记录学习重点和心得，提升学习效率

02

## 档案袋

收集阶段产出成果，为单元产出作参考

03

## 作品圈

产出成果展示平台，激发学习动力

# 以智助教：1+X教学模式

“

助力院校打造  
校本特色课程

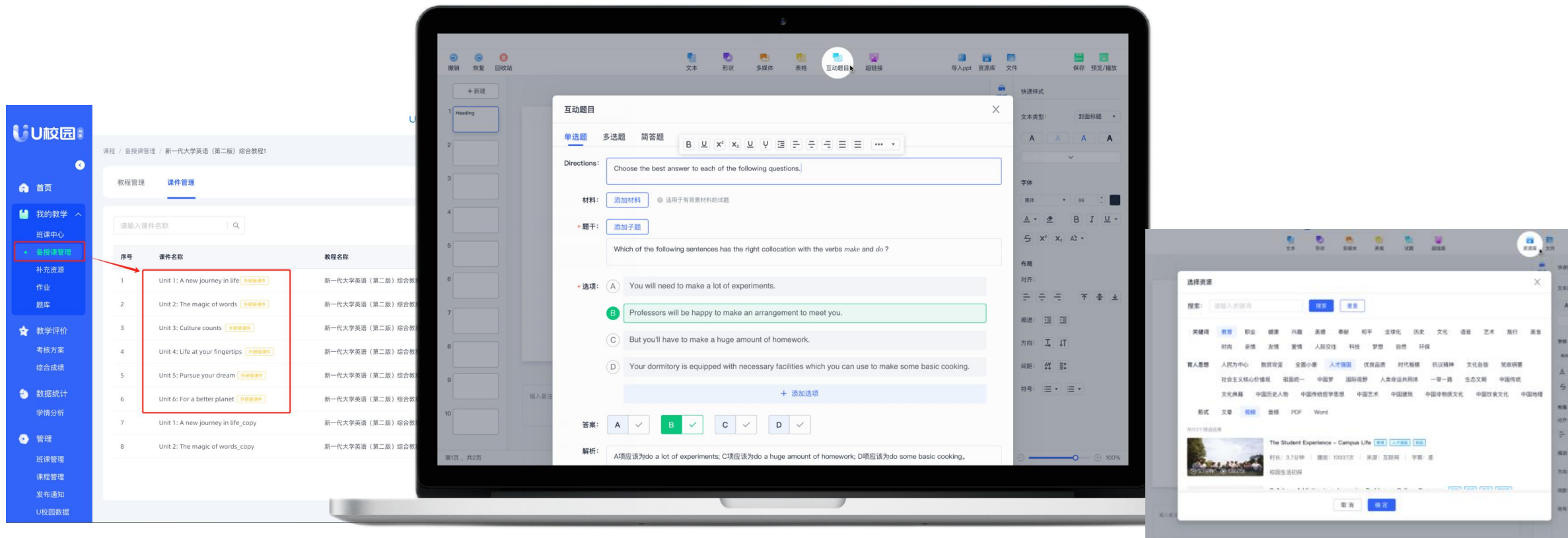


纸数融合，全面实现混合教学

自建资源，深度赋能因材施教

# 以智助教：在线交互式课件

备课



外研版课件  
可直接使用或调改增删

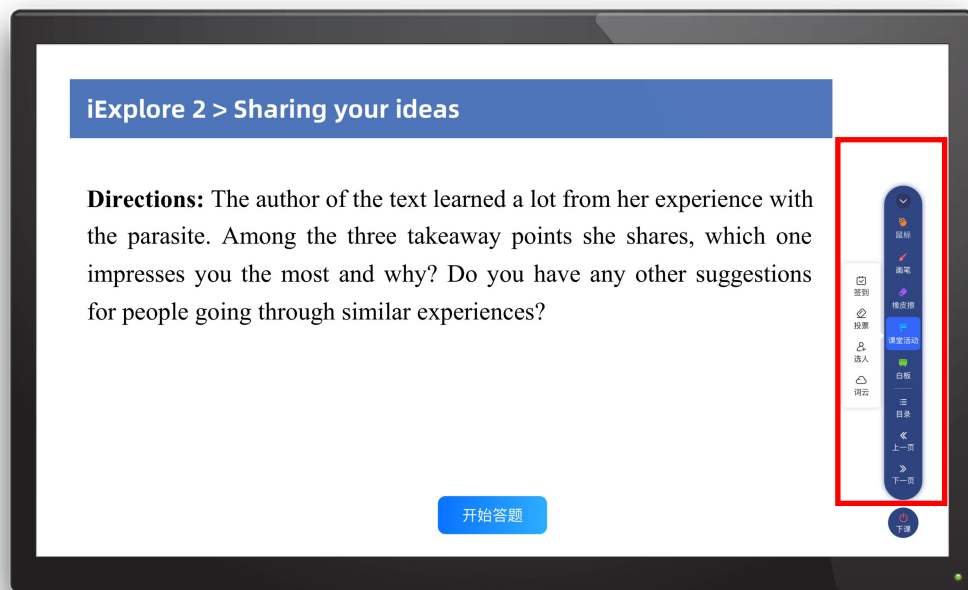
内置多种互动题目  
可一键发布或自主录入

官方素材库  
标签检索一键调用

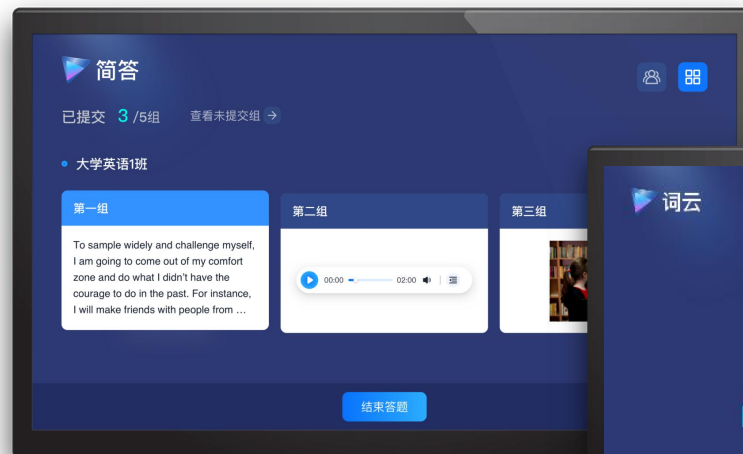
# 以智助教：在线交互式课件

授课

内嵌签到、选人、投票、词云等实用的课堂互动工具



发布线上互动题目  
统计结果、显示答案





# 以智助评：AI智能评阅

## AI口语评阅

新一代大学英语（第二版）综合教程2 > Loving family > Unit project

Unit project

Unit project Checklist

Directions: Deliver your speech.

【我的答案】

00:25

00:50

【参考答案】

00:00

01:25

机器评分

78/100

准确度：★★★★☆

完整性：★★★★★

流畅度：★★★★☆

切题度：★★★★☆

【评语】

能够较为清晰地传达自己的观点，流利度和完整度较好。在语音准确度方面仍有提升空间，建议加强发音练习。此外，切题度也需进一步提高，建议在答题前仔细审题，确保回答紧扣主题。通过有针对性的练习和改进，相信能够在各个方面取得更好的进步。

提交

新一代大学英语（第二版）综合教程1 > A new journey in life > Unit Project

Unit project

Unit project Checklist

Directions: Complete the following task, then upload your work.

Concerns in my freshman year

Having lived on campus for weeks now, are you facing any problems or challenges? How do you feel about these problems or challenges? Have you developed any plans to deal with them? With so much on your mind, you decide to write a letter to your high school English teacher and tell about your recent problems and feelings. The following steps may help you with the project.

**Step 1 Decide on the problem to write about in your letter**

Brainstorm what problems or concerns you have had since you started your freshman life and decide on one problem to write about. It could be about your life, study, relationships with others, etc.

**Step 2 Describe the problem**

Think about how you will describe the problem. You may consider the following aspects:

- Use parallel structure in your description. The structure makes a writing forceful and impressive. You may refer to Sharpening your skills in iExplore 1 for help.
- Describe the things around you to help describe your problem in an indirect way.

Dear Ms. Wu:

It's been a few weeks since I start my freshman year at college, and I wanted to share some of the challenges I've been facing.

One of the biggest problems I have encounter is adapting to the new academic environment. The classes is more demanding, the professors more demanding, and the workload more overwhelming. I

112/1000

答案解析

评分评语

53/100

语言：★★★★☆

内容：★★★★☆

篇章结构：★★★★☆

技术规范：★★★★☆

评语：行文流畅，不存在语句冗余现象。出现少数语法错误，语法掌握较好，建议根据纠错结果进行调整修改。建议尝试更多高级词汇。

Unit 1 A new journey in life

iPrepare

Scenario

Learning objectives

iExplore 1

Viewing

Reading

Understanding the text

Sharpening your skills

Building your language

Talking about China

iExplore 2

Reading

Understanding the text

Building your language

Sharing your ideas

iProduce

Unit project

Checklist

查看答题卡

## AI写作评阅

## AI翻译评阅

新一代大学英语（第二版）综合教程1 > A new journey in life > Building your language

Words and expressions Collocations Vocabulary learning strategies Grammar and structure Banked cloze Translation

Translation

Directions: Translate the paragraph into English, using the given words and expressions.

近年来，大学录取通知书（admission notice）的设计频频出新。有的融入了国画、剪纸等元素，展现了中国传统文化的独特魅力；有的则利用VR等技术，让学生提前感受校园生活，弥合他们与未来校园生活之间的差距，帮助他们顺利适应大学生活。（unique; bridge the gap; adjust）

【我的答案】

In recent years, the design of admission notices has frequently introduced new ideas. Some incorporate elements such as traditional Chinese painting and paper cutting, showcasing the unique attraction of Chinese tradition culture. Others utilize technologies like VR to allow students to experience campus life in advance, bridging the gap between them and their future campus life, and helping them adjust smoothly to university life.

机器评分

90/100

得分

【参考答案】

In recent years, the design of admission notices has often introduced new concepts. Some combines elements like Chinese painting and paper cutting, showing the unique attraction of Chinese tradition culture. Others use VR technology to let students feel the campus life early, filling the gap between them and their future campus life, and helping them adapt to the university life.

提交

AI口语、写作评阅还将对内容进行评测，给出具体评语

# 《新一代大学英语》（第二版）智慧教学解决方案



打造智慧教学生态  
赋能外语教育发展



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# 谢谢大家