

2022 全国学科•英语整合教学优质课展评活动

教学设计

教材名称	Light up Science
教学主题	(5A Unit 4 Lesson 1) A Day and a Year
授课年级	Grade 3
教材分析	
Light up science focuses on lighting up scientific and logic thinking of students, it provides some simple but smart clues to guide their thinking and make students realize it's okay to make mistakes, science needs trial and error.	
学情分析	
<ol style="list-style-type: none"> 1. Students have some general knowledge about the Earth and the Sun, but they don't know how to express it accurately in English. 2. Students are strongly curious about the universe and have strong interest in hands-on experiments. 	
教学目标	
<p>By the end of the lesson, students will be able to:</p> <ol style="list-style-type: none"> 1. Use proper terms and complete sentences to describe what causes a day and a year. 2. Identify which season it is when the Earth is on a certain point of the orbit. 3. Apply the knowledge learned to real life, such as making simple travel plans. 	
教学重点与难点	
<ol style="list-style-type: none"> 1. Geographic terms about the Earth and its movement. 2. Identify the position of Earth-Sun and seasons. 	
教学过程	

教学环节	教学活动	设计意图
Lead in	<ol style="list-style-type: none"> 1. Invite students to share their research results about the Universe and assign planet sticker to each team. 2. Present the picture on the book, and ask ‘Who/Where/What/When…’ 	Use the designed race to keep students engaged from the very beginning and lead in the whole lesson line.
Presentation	<ol style="list-style-type: none"> 1. Ask the first big question---‘What causes days and nights?’ and give them time to discuss. 2. Give out a picture and sentence frame to explain the question, after their answer-sharing process. 3. Use one word to answer the first question and learn ‘rotation’. 	Leave space for their discussion and expression, and then give out guidance, so that they’ ll have deeper impression.
Practice	Finish task 1	To check their understanding about Explore 1.
Presentation	<ol style="list-style-type: none"> 4. Transit to the second big question by doing a brainstorm with the students about ‘What is Bob and Jack talking about on the phone?’ 5. Ask students to do a quick observation about the model tool, and then give out questions. 6. Learn orbit, 2 lines-axis, equator, 2 directions-tilt toward, tilt away from, and 2 kinds of sunlight-direct sunlight, indirect sunlight, and use globe, flashlight to explore what causes 4 seasons together. 	Encourage students to think, even if it’ s just small questions, because all big exploration starts from small questions.
Practice	Fill in the blanks according to the pictures.	To check their understanding about Explore 2.

Production	Each group draw a number and make a simple travel plan for Jack, with hints on notes. And invite 2 students from each group to present their group work.	Check their grasp about the words and structures learned.
Check and Flashback	1. Play a kahoot game. 2. Flashback on what and how we learned.	

教学评价

Group Race---6 groups (Mercury, Venus, Earth, Mars, Jupiter, Saturn), moving around the Sun in a solar system map.

Small Bonus---Raise question, answer question, as long as they are thinking.

Instant Feedback--- Students shout ‘objection’ when they have different opinions.

板书设计



教学反思

1. Provide every group a tiny flashlight so they can do experiment on direct and indirect sunlight.
2. Add explanation about how big difference the little tilting(23.5) causes so they would understand better about Explore 2.
3. Award students 2 steps when they have really creative questions or answers.
4. Students must give out a reason when they shout ‘objection’ to others, instead of only giving out another answer.

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