

K3-
K5

FUN SCIENCE 趣味科学

INTRO

Moonshot Labs focuses on science education structured around the **United Nations Sustainable Development Goals (SDGs)**.

Starting from Day 1, students learn the **fundamental sciences** by tackling the **world's most pressing problems**.

Moonshot Labs 是一家以**聯合國可持續發展目標 (SDG)** 為基礎的科學教育公司。從第一天開始，學生將通過解決**世界上最緊迫的問題**來學習、理解和應用**基礎科學**。



REGISTRATION 咨询报名

COURSE DETAILS

课程安排

CLASS DATES 课程日期
10/11-1/10 (12节)

CLASS TIME 课程时间
Tue. 周二 @15:20-16:20

LANGUAGE 授课语言
English and Chinese 中英文

TOTAL 总费用
3,880元 (含材料费 280元)

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Questions?
报名咨询



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LIFE ON LAND

Students develop a **scientific mindset** by exploring world's wacky weather! Twisty tornadoes from North America, shivering snowstorms from Antarctica, and mimic epic earthquakes in East Asia. 学生通过探索极端天气来培养科学思维,,从北美的飓风骤雨,到南极的极暴风雪,再到东亚的山崩地裂。

Lesson	Topic	Description
1	Spring Showers 沛雨甘霖	Students learn about rain and clouds via creating a storm with food coloring and cotton clouds. 学生们通过以食用色素和棉花制造暴雨来学习云与雨的关系。
2	Cleaning Cycle 裁云剪水	Students mimic nature's water cycle and learn how to purify water through the sun. 学生们将模仿自然界水循环并了解如何利用太阳能净化水源。
3	Rainbow Raindrops 虹销雨霁	Students explore how rainbow is created by experimenting with light and water. 学生们通过彩虹现象了解趣味光学。
4	Summer Storms 银河倾斜	Students discover spectacular storms with fizzling chemistry and alka seltzer. 学生们通过奇妙的化学变化探究暴风雨的成因。
5	Wacky Weather 风起云涌	Students explore hot and cold temperature phenomenon. 学生们通过了解热胀冷缩感应和探索温度的变化。

Lesson	Topic	Description
6	Thunderstorm Twinkle 雷雨交加	Students recreate thunderstorms with shaving cream and glow in the dark ink. 学生们利用剃须泡沫和夜光墨水重现及探究雷雨场景。
7	Twisty Tornadoes 白浪掀天	Students will learn how wind forms and tinker with tornadoes by creating a mini vortex. 学生们将了解风的形成及尝试利用水和闪粉模拟迷你旋风形态并进行探讨。
8	Epic Earthquakes 地动山摇	Students tackle simple engineering by making a shake table to mimic real earthquakes! 学生们尝试模拟地震以理解其成因及后果。
9	Fall Floods 东冲西决	Students explore fall floods by building little barriers and running a sink or float test. 学生们从建造堤坝模型和沉浮测试探究秋季洪水的威力。

Lesson	Topic	Description
10	Winter Winds 北风呼啸	Students discover winter weather by creating instant snow and shiny snowflakes. 学生们以雪花结晶为主题探究冬季的天气变幻。
11	Shivering Snowstorms 天寒地冻	Students recreate snowstorms with ice crystals and sparkly glitter! 学生们以冰晶和闪粉重现暴风雪来了解极地、极端天气。
12	Glowing Glaciers 闪亮冰川	Students are going to make colorful glaciers from ice, oil and food coloring 学生们将用冰、油和食用色素制造出五颜六色的冰川