

G3
G4

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
10/12-1/11 (12节)

LANGUAGE 授课语言
English and Chinese 中英文

CLASS TIME 课程时间
Wed. 周三 @14:30-15:30

TOTAL 总费用
3,880元 (含材料费 280元)

REGISTER

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SUSTAINABLE CITIES

Students form **scientific understanding and connections** by exploring space, solar system and space technique. 学生通过探索太空，太阳系及航天科技来形成科学理解和联系。

Lesson	Topic	Description
1	The Big Bang 万物起源	Students explore how the universe was created and even create their galaxy slime model! 学生们对宇宙的形成进行探索，并且制作银河球体模型。
2	The Solar System 星罗棋布	Students learn about our solar system and create their own planets orbiting around the Sun. 学生们探究太阳系的奥秘并且还还原行星轨迹。
3	Earth Explorer 锦绣河山	Students create a mini model of the Earth's core and dig up some natural resources! 学生们将会学习了解地核，并挖掘和思考如何利用地球上常见的自然资源。
4	Gravity Games 积重难返	Students tackle gravity and force fields by creating a car powered by gravity! 学生们将会制造重力动力车，浅尝重力和力场的现象和利用。
5	Density Drip 泾渭分明	Students create a rainbow in a jar by using liquids of different densities. 学生们利用不同密度的液体来制作彩虹瓶。

Lesson	Topic	Description
6	Greenhouse Gases 温室气体	Students make mini greenhouse gases via gummy bars and learn the importance of atmosphere. 学生们将制作迷你温室，并学习大气对地球的重要作用。
7	Astronaut Armor 天衣无缝	Students design spacesuits to get ready for blast off in our space mission! 学生们为即将进入太空的宇航员设计制作宇航服。
8	Roaring Rockets 翰飞戾天	Students prepare to launch into space by making roaring rockets. 学生们将自制火箭并模拟太空发射，以了解相关技术。
9	Telescope Tunnel 积目相望	Students create their own telescopes to explore our solar system. 学生们将通过自制的望远镜探索观察外太空的技术手段。
10	Mission Mars 世外桃源	Students learn to grow food and stay warm on planet Mars. 学生们将学会如何在火星上解决衣食的问题。

Lesson	Topic	Description
11	Scorching Sun 辨日炎凉	Students make mini cars with solar energy to explore our sun's superpowers! 学生们将会学习了解太阳能并制作太阳能赛车。
12	Moon Mystery 玉兔迷踪	Students take their first steps on the Moon and explore how it orbits around Earth. 学生们将会踏出他们在月球上的第一步，探索她是如何围绕地球运行的。