

G1-3 | FUN SCIENCE (SPRING 2026)

MOONSHOT LABS

SCIENCE EXPERIMENTS FOR THE CURIOUS



ABOUT US 关于我们

Moonshot Labs introduces students to the fundamental sciences via the **United Nations Sustainable Development Goals**. Through hands-on experiments, students develop a **scientific mindset, creative thinking and problem solving skills** to tackle the world's most pressing problems. We work 2,500 students across **40+ school partners**.

Moonshot Labs 实验课根据**联合国可持续发展目标 (SDGS)** 促进学生学习，理解和应用基础科学。通过动手实验，培养学生的**科学思维，创新思维和解决问题的能力**，以解决**世界上最紧迫的问题**。我们与40多所学校合作，陪伴2500多名学生一起探索科学，包括CAIS中美国际学校 (旧金山)，ISB北京顺义国际学校，YCIS上海耀中国际学校,ISNS南山国际学校等。



INTRO 主题介绍

Hogwarts Young Wizards | SDG#4 Quality Education

Have you ever wondered the science behind the Fire Charm or Levitation Charm? Join Moonshot Labs, become a **【Hogwarts Young Wizard】**, and start a "Magical Science Quest" aligned with **SDG #4 Quality Education**. Blend wonder with inquiry via **interdisciplinary experiments!** Craft your own **gemstone wand**, summon "**Levitation**" (Physics) with centrifugal force, conjure **colorful flames** (Chemistry) via **flame tests**—and more fun challenges await!

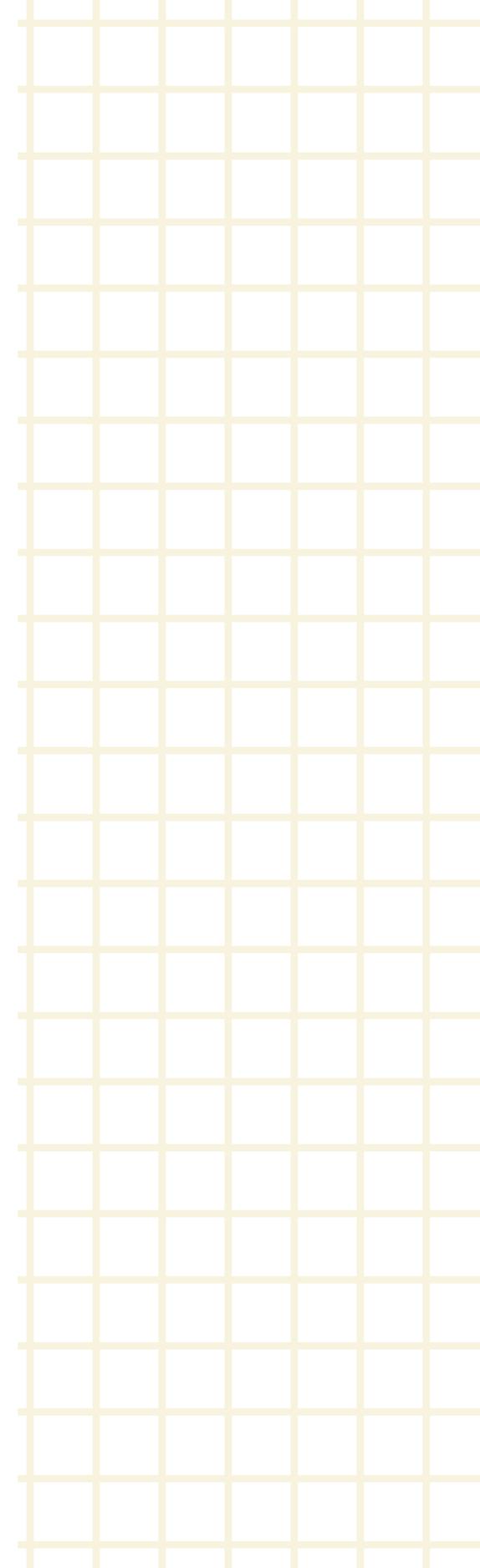
霍格沃茨魔法学员 | SDG #4 优质教育

你是否好奇过火焰咒或漂浮术背后的科学？加入 Moonshot 实验室，化身 **【霍格沃茨魔法学员】**，开启 **SDG #4 优质教育** 主题“魔法科学探索之旅”。让奇幻与探究在**跨学科实验**中碰撞！打造专属**宝石魔杖**、用离心力召唤“**悬空术**”（物理）、借**焰色反应**（化学）召唤彩色火焰——更多趣味挑战等你来！



COURSE SCHEDULE 课程计划 (1/2)

Lesson	Topic	Description
1	Wand Fire 魔杖喷火	Students learn fire wand and make their own magic wands with low ignition paper. 学生们将认识喷火魔杖，了解低燃点纸，并动手制作属于自己的魔法魔杖。
2	Flame Magic 焰色魔法	Students explore metal salt flame reaction and record different flame colors. 学生们将探索7种金属盐焰色反应，记录不同火焰颜色解锁魔法奥秘。
3	Rainbow Lamp 彩虹魔灯	Students learn rainbow formation and make magic lamps with hexagonal light film. 学生们将了解彩虹成因，用六角形灯膜制作彩色魔法灯解锁光影奥秘。
4	Centrifugal Float 离心悬浮	Students explore centrifugal force and experience magic of taking objects remotely. 学生们将探索物体离心力原理，玩转隔空取物魔法解锁悬浮科学奥秘。
5	Palm Smoke 掌中生烟	Students make smoke in palm with materials and explore smoke formation principle. 学生们将用专用材料实现掌中生烟，观察现象探索烟雾形成科学奥秘。



COURSE SCHEDULE 课程计划 (2/2)

Lesson	Topic	Description
6	Candle Magic 蜡炬不灭	Students explore unblowable candle and DIY sand wax bottle to learn flame principle. 学生们将探索吹不灭的蜡烛，DIY专属沙蜡瓶解锁火焰燃烧防护原理。
7	Magic Siphon 魔法虹吸	Students do magic siphon experiment and explore fluid mechanics for liquid transfer. 学生们将玩转魔法虹吸实验，实现液体隔空转移探索流体力学奥秘。
8	Bernoulli Float 伯努利浮	Students do float experiments and explore Bernoulli principle for magic floating. 学生们将围绕伯努利原理，开展系列悬浮漂浮实验解锁魔法浮空奥秘。
9	Invisible Bottle 隐身魔瓶	Students use light refraction to make invisible bottles for object disappearance. 学生们将利用光的折射原理，制作隐身魔法瓶实现物体“消失”魔法效果。
10	Heat Shrink 热缩魔法	Students use heat guns to heat shrink film and explore heat shrink deformation. 学生们将用热风枪加热热缩片，制作魔法配饰，探索热缩形变的科学奥秘。

Note: The schedule may be adjusted a little based on students' actual situations to provide them with more suitable and fulfilling exploration experiences. 课程可能根据学生的实际情况做出适应性调整，以带给学生们更合适、充实的探索体验。

OUR PARTNERS

📍 BEIJING, HONG KONG, SHANGHAI,
SHENZHEN, SAN FRANCISCO

Chinese American International School (SF)

Chinese International School (HK)

International School of Beijing

Beijing City International School

Presidio Knolls School (SF)

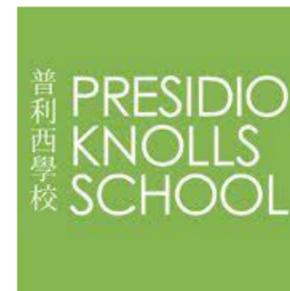
The Hamlin School

San Francisco Day School (SF)

The British School of Beijing

Yew Chung International School (SH)

...30+ other school partners



REGISTRATION 咨询报名

COURSE DETAILS

课程安排

CLASS TIME 课程时间

Mon. 周一 15:30-16:30

TOTAL 总费用

3250元 (含材料费250元)

CLASS DATES 课程日期

Mar. 9th-May. 25th (10节)

LANGUAGE 授课语言

English and Chinese 中英文

REGISTER

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