



The 5th Belt And Road Teenager Maker Camp & Teacher Workshop Is Coming!

Sept-Nov, 2021



Hosted by

China Association for Science and Technology (CAST)
Ministry of Science and Technology of People's Republic of China (MOST)
Chongqing Municipal People's Government
The People's Government of Guangxi Zhuang Autonomous Region



Organized by

Children & Youth Science Center of CAST (CYSCC)
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China Alliance for Science Literacy



Theme

Open to Cooperation & Ready for Innovation

What's the 5th Belt and Road Teenager Maker Camp & Teacher Workshop?

The Belt and Road Teenager Maker Camp & Teacher Workshop is a continuous activity which attracts STI young talents and science-related practitioners from nearly 60 countries and regions. The event gives students the opportunity to cooperate with the best of their age at international level, to share ideas and study cutting-edge knowledge in science labs of top schools in China through hands-on experience and teamwork under guidance of experienced teachers. Science education forum and teacher workshop are also held for teachers and scientists to share educational practice of different countries and learn skills of stem education.

The 5th Belt and Road Teenager Maker Camp & Teacher Workshop is coming !



Because of the impact of COVID-19, the 5th session will be held in an online way. To enrich your participation experience as much as possible, we unite with scientific research institutions, top universities, science museums and best secondary schools from all over the world to share learning resources, practices in leading students in STEM projects, and offer online visiting.

* The website of 5th Camp is under construction. You can visit the website of 4th Camp for your reference: <https://2020.brmakecamp.cyscc.org.cn/?lang=en>

Main content

1

Student learn and exchange—Choose one subject and complete a project to get the award.

- Space science
- Science video
- Energy saving and emission reduction

2

Teacher improvement—Communication with science teachers in various countries to get inspiration for classes.

- Science education forum.
- Teach the same lesson: we will invite teachers from different countries to give the same lesson at the same time. Experts will give guidance after the classes.
- Science workshops: If interested in, you can send us videos of your workshops and we will upload to the official website. Students and teachers from nearly 60 countries will watch the videos.

3

Cultural experience—Experience colorful Chinese culture and showcase your culture.

- VR tour of famous spots: including scenic spots, museums, universities, scientific institutions and enterprises in China and other countries.
- Try traditional Chinese Handicraft: you can follow the videos and make your own handicrafts.
- Dance to the same music.
- Show your world: if interested in, you can show your culture, food, music and so on to all your peers from nearly 60 countries.

4

Special Bonus—Have a chance to join in high-end science activities.

- Science shows from different countries.
- Lectures from top scientists.
- Broadcast of top schools and front-edge equipment.
- Communicate with top scientists.
- Live broadcast of satellite launching.

What can you get from the Camp?

- Free themed science courses and interesting group tasks for both students and teachers
- Friends from different countries and regions
- Immersive sightseeing of China
- leading practice of science education organizations from various countries
- Awards of Best Maker, Best Presentation, Best Teamwork and Certificate of participation

Highlights of the Camp



Online Live Class on Space Science

- Witness the launch of Chinese rockets
- Experts to explain how Tiangong Space Station was devised and built
- Chinese-style STEM class to showcase astronauts' daily life inside the space



Chances to communicate with top scientists in China and other countries.

- Please submit your questions in scientific areas. Chosen questions will be answered by top scientists.
- During the closing ceremony, there will be lectures given by top scientists.

How can you participate in the Camp?

There is no threshold for your participation as long as you have access to the internet and love science:

1. Middle school or High school students or students with equivalent education experience
2. Form a group with your peers and teachers
3. Complete online registration
4. Complete the final task with the knowledge you get from the online courses
5. Submit your maker works of the final task following the online guides
6. Enjoy online science and cultural activities and resources
7. Get your certificate and awards.

Please feel no worry about missing any part of the schedule. You will all get your exclusive volunteer to help you through the whole event!

Schedule

Sept

- Online registration

Oct

- Online learning of science courses and complete final tasks
- Scientific discussion meetings for participants under one subject;
- Scientific and cultural activities
- Opening ceremony

Nov

- Science education forum
- Public vote & judging
- Awarding ceremony

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