

Further Reading 2（拓展阅读 2）

Read a report and finish the following tasks:

Task 1 Read the following report, and check the Chinese version to have a better understanding of the main idea.

Task 2 Make a discussion about the report and list the possibilities for China to become an innovator.

Task 3 Write a short essay based on the report: My Dream of Becoming an Innovator.

Will China become an innovator?

Editor: Zhang Jianfeng | CCTV.com

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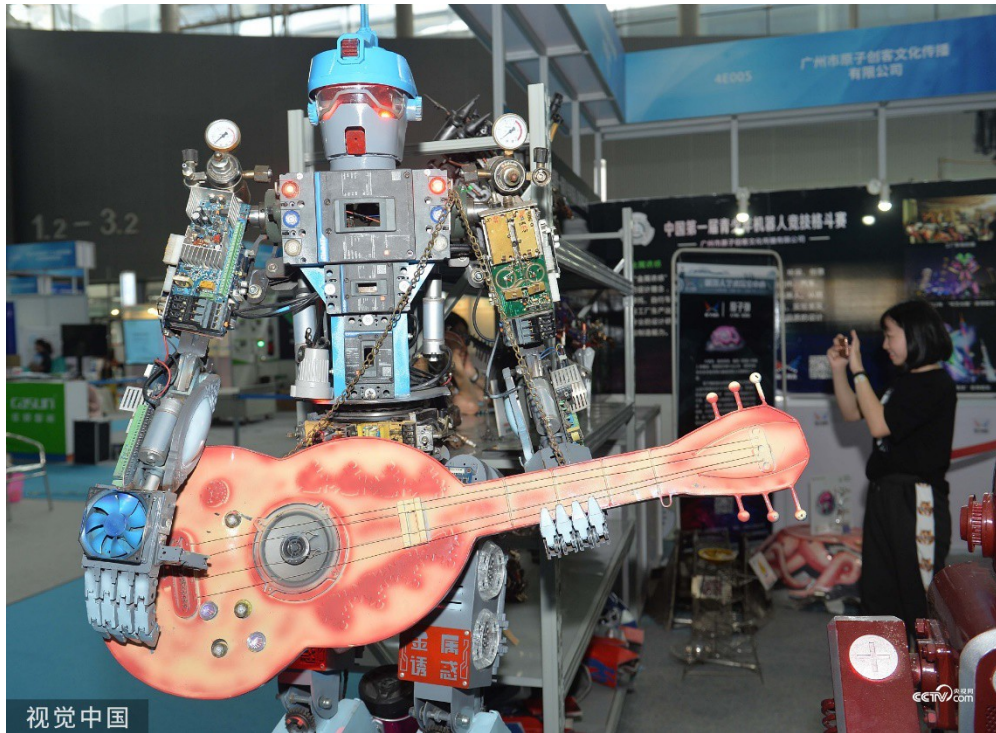
Yes. China is already headed in that direction, while Chinese scientists, inventors and developers have achieved amazing breakthroughs in the fields of science and technologies. The nation is home to a number of world-renowned universities, while the government, private companies and individuals have all collaborated to promote sci-tech.

The sci-tech sectors can flourish when society encourages its citizens to study STEM (Science, Technology, Engineering and Mathematics) subjects from a very young age. Accordingly, educators can enlighten the public and that may inspire more people to launch their professional careers by becoming entrepreneurs, scientists or inventors.

China's top universities have provided huge funding to boost their science and technology departments, while STEM students are expected to study and work hard to make inventions, upgrade current technologies and discover new concepts in science. Their minds are set for exploring and that's so essential for embracing an innovative society.

China's leading hi-tech companies and startups are based in Shenzhen, Hangzhou and Beijing. Chinese technology enterprises have become so formidable that a few of them, such as Baidu Inc., Alibaba Group, Tencent Holdings and Huawei Technologies have generated big-time revenues and profits.

Chinese companies have played crucial roles as innovators for 5G networks, automated manufacturing, robotics, AI (artificial intelligence), smart technologies and so much more. As China stands at the forefront of 5G networks development that results in higher internet speeds, 100 times faster and bigger memory storage.



A metal-made robot showcases at the China Innovation and entrepreneurship Fair in Guangzhou in June 2018.

Huawei Technologies, alongside the nation's Big Three telecom operators

China Mobile, China Unicom and China Telecom

are setting up the infrastructure to create 5G networks for nationwide coverage, which include the rural regions.

5G networks can accelerate development for AI and automation, since the faster internet speeds and memory storage are so necessary for those fields. For example, AI developers create what's known as an 'AI Brain' that can store loads of Big Data, which allow it to respond to conversations with human beings.

Let's say, you ask an 'AI Brain' today, how's the weather? It will scour the Internet and describe the local weather in detail and give a forecast too. Chinese companies, including Alibaba Group, have also utilized such technologies to develop a new and improved healthcare system, known as telemedicine. The telemedicine sector can work in an efficient manner, because certified caregivers have access to a wide-range of medical data and studies along with personal e-Health records, while patients can transmit photos of their ailments and discuss health concerns with doctors by using smartphones at any time of day or night to bring added convenience for all involved.

There are verifiable proof that China is currently an innovator. The Chinese people are marching forward to create new inventions and upgrade key technologies, as well as ramping up automated manufacturing in the future.

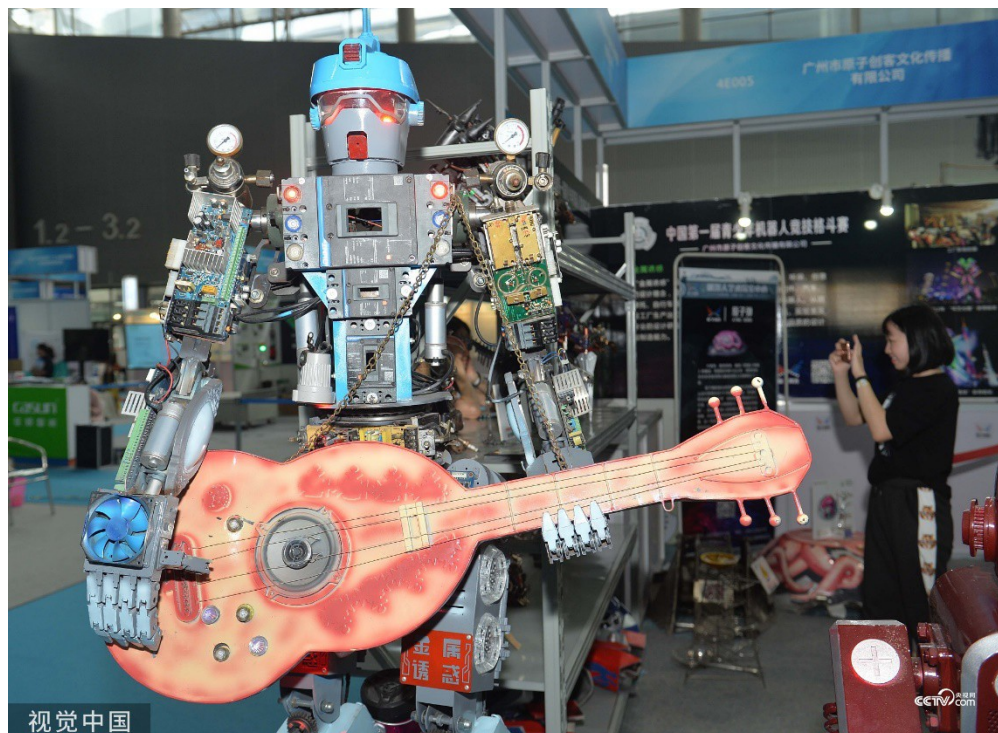
参考翻译：

中国会成为创新者吗？

是的。中国已经在朝着这个方向前进，而中国的科学家、发明家和开发者已经在科学和技术领域取得了惊人的突破。中国拥有许多世界知名的大学，而政府、私营企业和个人都在合作推广科技。

如果社会鼓励公民在很年轻的时候就学习科学、技术、工程和数学（STEM），科技行业就会蓬勃发展。因此，教育工作者可以启发公众，这可能会激励更多的人开始他们的职业生涯，成为企业家，科学家或发明家。

中国的顶尖大学为他们的科学技术部门提供了巨额资金，而科学、技术、工程和数学（STEM）学生则被要求努力学习和工作，创造发明，升级现有技术，发现科学中的新概念。他们的思想是探索的，这对于拥抱一个创新的社会是非常重要的。



2018年6月，一款金属制造的机器人在广州举行的中国创新创业博览会上展示。

中国领先的高科技公司和初创企业位于深圳、杭州和北京。中国的科技企业已经变得如此强大，以至于百度、阿里巴巴集团、腾讯和华为等企业都创造了一流的收入和利润。

作为 5G 网络、自动化制造、机器人、人工智能、智能技术等领域的创新者，中国企业发挥了关键作用。由于中国处于 5G 网络发展的前沿，5G 网络的网速更快，存储容量也大 100 倍。

华为和中国三大电信运营商—中国移动、中国联通和中国电信—正在建立基础设施，建设覆盖全国的 5G 网络，其中包括农村地区。

比如说，你今天问一个“人工智能”，天气怎么样？它将搜索互联网，详细描述当地天气并给出预报。包括阿里巴巴集团在内的中国企业也利用这些技术开发了一个新的、更完善的医疗保健系统，即所谓的远程医疗。远程医疗部门能以高效的方式工作，能为所有相关人员提供更多的方便。因为认证护理人员能访问大范围的医疗数据和研究，同时能够获取病人的个人电子健康记录，而病人可以通过使用智能手机白天或晚上任何时候上传他们的症状照片，与医生讨论他们的病情。

有确凿的证据表明，中国目前是一个创新者。中国人民正朝着创造新发明、升级关键技术、推进自动化制造方向迈进。

<http://english.cctv.com/2019/12/11/ARTItXyvWhRcfvZ9shJQe7nY191211.shtml>