

# How Teachers Use E-Learning in China

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# How Teachers Use E-Learning in China

Some fundamental national policies on education in China

1. MOOC in universities
2. Flipping classrooms in schools
3. Micro-Lectures in middle schools
4. "Internet+ education" in the remote areas

Retired teachers recruited to help the poverty areas



# 1. Some fundamental national policies on education in China

- Fair education is a fundamental principle.
  - 9-year obligatory education
  - balance between better-off cities and poverty rural areas
  - balance between developed regions and minority regions
  - special education for the disabled people
- Shorten the gaps between different areas by E-learning
  - By the year 2020, 100% internet connection to schools
  - Internet+ education Plan



专栏1: 教育事业发展主目标

Education Goals by 2020

Kindergartens

9-year obligatory education

Senior high education

指标	单位	2009年	2015年	2020年
<b>学前教育</b>				
幼儿在园人数	万人	2658	3400	4000
学前一年毛入园率	%	74.0	85.0	95.0
学前两年毛入园率	%	65.0	70.0	80.0
学前三年毛入园率	%	50.9	60.0	70.0
<b>九年义务教育</b>				
在校生	万人	15772	16100	16500
巩固率	%	90.8	93.0	95.0
<b>高中阶段教育*</b>				
在校生	万人	4624	4500	4700
毛入学率	%	79.2	87.0	90.0

# How teachers use E-learning in China

## 1. MOOC in universities

- MOOC:
  - It started in US in 2012;
  - It started in China in 2013.
- 
- According to the statistics in January 2018 of the Ministry of Education of PRC
    - China ranks first in MOOC by having 3,200 courses whereas US ranks the second by having 2,300 courses.
    - More than 460 universities in China offers MOOC courses.
    - 201 courses are on the international MOOC platform.
    - About 70 millions course selections.
    - Over 11 million students got MOOC credits.



据人民日报消息，我国教育部已在今年正式推出490门“国家精品在线开放课程”。截至目前，我国慕课上线数量共5000多门，突破7000万人次，逾1100万人次大学生获得慕课学分，慕课

CBS  
第一



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# How teachers use E-learning in China

## 1. MOOC in universities

- MOOC courses are designed and given by universities teachers but they are for everyone.
- A 11-year old primary school student in a Ha-ni minority region has finished the course of Bionics “**奇异的仿生学**” offered by Jining University.
- A 85-year old man has got his certificate for finishing the course of Chinese Acupuncture given by The National University of Chinese Medicine.



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## 1. MOOC in universities: Tsinghua as an example.

### 145 courses next semester

The screenshot shows the Tsinghua University MOOC website. At the top, there is a navigation bar with the university logo and links for '首页' (Home), '全部课程' (All Courses), '我的课程' (My Courses), '常见问题' (FAQ), 'App下载' (App Download), '微信服务号' (WeChat Service Account), and '登录' (Login). Below the navigation bar, there are filters for '课程学期' (Course Semester), '开课状态' (Course Status), '课程分类' (Course Category), and '课程标签' (Course Tags). A search bar is located on the right side of the page. The main content area displays two course cards. The first card is for '思想道德修养与法律基础 (2017秋)' (Ideological and Moral Cultivation and Law Basics (Autumn 2017)), taught by 张瑜 (Zhang Yu) at Tsinghua University. It is a completed course with 3275 students. The second card is for '计算机文化基础 (2017秋)' (Computer Culture Basics (Autumn 2017)), taught by 李秀 (Li Xiu) at Tsinghua University. It is also a completed course with 964 students.



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## 1. MOOC in universities: Tsinghua as an example.

- Associate Professor Yang Fang
- One of the first group of teachers working on Tsinghua Online in 2013.
- She targeted to have 5,000 people to follow her course English for Life when she started.
- In 2016, she has more than 530,000 students taking her course online from about 120 countries.
- In 2018, she has more than 1.5 million students.



# How teachers use E-learning in China

## 1. MOOC in universities: Tsinghua as an example.

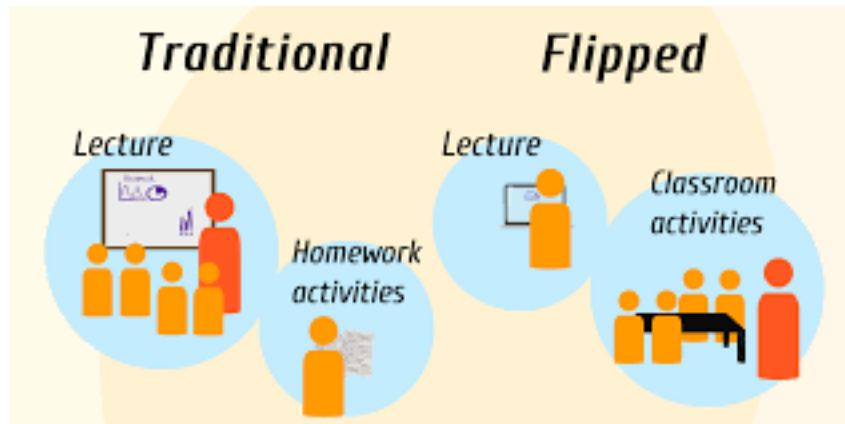
- She is now WeChat Group Owners of more than 30 teachers groups from remote areas.
- Every WeChat group has 200-500 teachers.
- She invited more university teachers to join her in the groups to teacher the teachers from remote rural areas.
- Last summer vacation she finished teaching 66 teachers in Yunnan and Guizhou Provinces her MOOC course and every teacher got the certificate.



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## 2. Flipped Classrooms/Lectures in middle schools

- Teachers are encouraged to make coursewares for their lectures.
- Short audio-visual materials are made by teach groups in schools.
- Usually 5-8 minutes, each on one particular teaching points or one new concept.
- Students watch these materials at home and the classrooms are flipped into discussion and Q&A.
- All the coursewares are put on the platforms of the local education bureaus and open for all the teachers to select to use.



# How teachers use E-learning in China

## 2. Flipped Lecture Platform in primary/middle schools: The example of Foshan city



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指导单位：教育部教育管理信息中心

主办单位：中国教育发展战略学会教育管理信息化专业委员会、北大未名集团

# 第四届全国中小学 优秀微课征集活动

指导单位：教育部教育管理信息中心

主办单位：中国教育发展战略学会教育信息化专业委员会

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## 中国教育发展战略学会 教育信息化专业委员会

关于开展第四届中小学优秀微课征集活动的通知

专委会[2018]1号

各有关单位：

为了落实《教育信息化“十三五”规划》扎实推进信息技术与教育的深度融合，探索微课在课堂教与学创新应用中的有效模式和方法，挖掘和推广各地区的典型案例和先进经验，促进优质教育资源共建共享，在总结前几届活动取得的成果的基础上，于2018年1月2日至2018年8月31日开展第四届中小学优秀微课征集活动。

本活动将邀请国内权威教育信息技术和微课专家，在各地组织培训和交流研讨活动。主办单位对征集的微课进行评审和展示，并为获奖单位和个人颁发证书。请有关单位积极组织，认真准备。

活动方案详见中国教育信息化网([www.icl.edu.cn](http://www.icl.edu.cn))或中国微课网([www.cnweike.cn](http://www.cnweike.cn))。

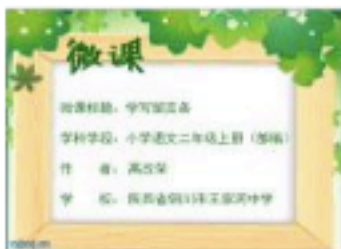
《中国教育信息化》杂志

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### 以《燕子》一课为例，讲解动物的外形描写

播放 47 次

作者：罗静

上传时间：2018-07-31



### 学会写好日记

播放 60 次

作者：刘影

上传时间：2018-07-31



### 初识金陵十二钗

播放 55 次

作者：张敏

上传时间：2018-07-31



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# How teachers use E-learning in China

## 3. Micro-Lectures in primary/middle schools

- Micro-Lecture APPs for Mobile Learning

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### 中国微课大赛 编辑

 本词条缺少名片图，补充相关内容使词条更完整，还能快速升级，赶紧来[编辑](#)吧！

中国微课大赛是由教育部指导，教育部教育管理信息中心主办以全国中小学教师为主同时希望广大中小學生、高校師生、教育機構、家長等对“微课”感兴趣的以微型视频（微课）为主要参赛主体的一项比赛。该项比赛为全程为“全国中小学教学中的互联网应用优秀教学案例评选活动”，2012年9月开始的第四届评选活动中，微课被列入竞赛赛项。

“中国微课大赛”的名称是非正式的名称，并未在任何教育部主办的活动中出现。

中文名	中国微课大赛	主办单位	教育部教育管理信息中心
协办单位	北大未名集团	参与对象	全国中小学教师为主

主办：教育部教育管理信息中心

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## 评审结果通知

为了在中小学教师中普及信息技术，提高广大教师在课堂教学中正确运用互联网、高效率地利用优质网络教育资源的能力...[\[详情查看\]](#)



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本次活动得到了全国各级教育行政部门、各地教研部门的大力支持，学校积极组织、踊跃参与，共收到全国30个省...[\[详情查看\]](#)



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金牌  
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地理 | 政治

高二

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地理 | 政治

高三

语文 | 数学 | 英语 | 物理 | 化学 | 生物 | 历史 |  
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# How teachers use E-learning in China

## 4. “Internet +” assistance in poor areas

- In November 2013, President Xi Jinping proposed “精准扶贫” policy during his visit in some villages in Jiangxi Province.
- It means that China will continue to fight the battle against poverty, and carry out extensive poverty alleviation and development programs in contiguous poor areas.

Local governments need to merge poverty alleviation resources to make better use of them and take targeted measures to ensure that assistance reaches poverty-stricken villages and households.

# How teachers use E-learning in China

## 4. “Internet +” assistance in poor areas

- “精准扶贫” means “to take precise targeted measures to help people lift themselves out of poverty” .
- “Internet +” assistance for the poverty areas in various ways under this national strategy.
- “Internet +” assistance in education in the schools in poor areas



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# How teachers use E-learning in China

## 3. “Internet +” assistance in poor areas

- “Internet +” assistance in education in the schools in poor areas
  - State-owned companies should help to build internet-equipped classrooms.
  - The education bureau of the more developed cities should help the less developed areas through sharing the course materials and sending teachers to help the schools to teach better.
  - Teacher training becomes more important.
  - Online training, or distant training, is easily carried out.



# How teachers use E-learning in China

## 3. “Internet +” assistance in poor areas

### 全国中小学互联网接入率达94%

央广网  
百家号 | 05-06 09:49

June 4, 2018 Premier Li Keqiang visited a county middle school in Niaxia.

The county's internet connection rate in schools is 100%.

- In the “Smart Classroom”, iPad-learning system is equipped.

On the iPad, the students can get access to the courses from many schools in more developed cities.

Premier Li said that the Internet +Education is an effective way to give the children in less developed areas better education.



# How teachers use E-learning in China

## 3. “Internet +” assistance in poor areas

Example of state-owned companies’ assistance

July 20, 2018

“Internet + Education” national meeting was held in Ningxia Hui Autonomous Region.

Regional Bureau of Education had signed a contract with China Telecom and China Unicom. These two companies would have to build “Internet + classrooms” for the schools in the whole region.



The contract guaranteed the schools are 100% connected via broadband internet.

- By the year 2020, they will be connected by 100% fiber-optic networks.
- Icloud class will be built for each school, on which over 5 million coursewares can be found to use by the teachers.
- Live-broadcasting of the lectures given by excellent teachers selected nationwide.
- Live-classes for teacher training designed for and used by 30,000 local teachers.



# How teachers use E-learning in China

## Retired teachers going to help the poverty areas

July 20, Ministry of Education and Ministry of Finance jointly launched a program called Silver-Age Lecture Plan

From 2018-2020, the ministries will recruit 10,000 retired school teacher to do teacher training and course teaching in the remote countryside s



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Thank you!

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