



教育部

Chinese Ministry of Education

**数学教育技术应用与创新
研究中心介绍**

Brief Introduction of the RCMET

教育部数学教育技术应用与创新研究中心

Research Center for Applications and Innovations in Math Educational Technology

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国家级教育装备协同创新平台

National Collaborative Innovation Platform of Educational Equipment

“教育部数学教育技术应用与创新研究中心”是教育部教育装备工作领导小组于2014年8月批准成立的国家级教育装备协同创新机构（教装办[2014]19号）。

Research Center for Application and Innovations in Math Educational Technology (RCMET) is a national collaborative innovation institution of educational equipment, set up by Chinese Ministry of Education, in August 2014 ([2014] NO.19).

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<http://www.rcmet.org/>



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1 目标 goal

以数学实验教育为切入点，建立数学教育技术资源与成果共享的**协同创新机制**，开展国内外合作，集研究、开发、应用推广、服务于一体，建成互联网环境下支持数学教育以及与数学相关的**创新教育平台、教育大数据应用平台**，为中国数学教育教学服务。

taking mathematical experiment education as start point, The REMET establishes the collaborative innovation mechanism of sharing mathematics education technology and resources, **conduct extensive global cooperation , integrate research, development, application, promotion and service together,** build **innovational educational platform** about mathematics education and **educational big data application** so as to o serve the mathematics education in the Internet age.



2 支持 supports

支持**学情即时反馈**，让**教数学**的人减轻负担，提升教学水平；

支持**个性化学习**，让**学数学**的人喜欢数学，提升大众数学素养。

Real-time Response System

reducing the teaching burden and improving the teaching level.

Personalized Learning

making students love mathematics and enhancing the mathematics quality of common people.



3 开展 works

- ▶ 开展基础教育、职业教育、师范教育的数学教育技术的 **理论与实践研究** ；
- ▶ 开展应用数学教育技术能力的 **教师培训** ；
- ▶ 开展数学实验室建设方案、数学实验教师培养体系建设以及应用 **平台和资源** 开发。

- ▶ **Theory and practice research** of Mathematics educational technology in k12 education, vocational education and normal education.
- ▶ **The training** of Mathematics educational technology
- ▶ **the construction scheme of mathematics laboratory**, training system of mathematics experiment teachers , **Platform and resource development** , and so on

- ◆ The RCMET has carried out the global cooperation with research institutes, companies and insightful individuals, which gives close attention and supports the development of the Math Educational Technology.

中心与国内外关注数学教育技术的科研院所、高校、中小学校、教育学会协会等单位或机构及一切支持数学教育技术的企业和有识之士进行广泛合作：

Organizations Cooperation

Including:

- Scientific Research Institutes
- Colleges and Universities
- Primary and middle schools
- the Chinese education society
- and so forth

合作高校包括：

Chinese Colleges and Universities：



- 与美国，德国，英国，法国、日本、丹麦，挪威，瑞士、以色列、韩国等国合作，引进和吸收其优秀的数学教育技术（软件与硬件）及教学模式
- 通过协同创新研究，形成一批适合我国国情的数学教育技术产品（软件与硬件）。

◆ So as to introduce and absorb the overseas outstanding mathematical pedagogy pattern and math educational software and device, the RCMET has partnered with the US, Germany, Britain, France, Japan and Denmark, Norway, Switzerland, Israel, South Korea and other countries.





丹麦专家来访
数学教育技术应用与创新研究中心

中心可以为各地区教师提供专题研修、教学平台服务
The RCMET provides thematic training courses and platforms for nationwide teachers



THEMATIC STUDY AND TRAINING COURSES

专题研修

- 1 微课程的设计制作与应用高级研修
Courses about design, development, application of Micro Courses
- 2 面向中学数学骨干教师、学科带头人数学教育技术高级研修
High-level training courses for math core-teachers
- 3 高中校本课程---博弈论
The school-based curriculum--- Game Theory
- 4 高中校本课程---运筹学
The school-based curriculum--- Operational Research

LEARNING AND TEACHING PLATFORM

教学平台

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LEARNING AND TEACHING PLATFORM 教学平台

1 狸米个性化教学平台（小学数学）



LIMI individualized teaching platform--- For primary school

2 狸米个性化教学平台（初中数学）



LIMI individualized teaching platform--- For junior middle school

3 微课程学习平台

Micro Courses learning platform

