



2026

BRICS SKILLS COMPETITION

(BRICS+ FUTURE SKILLS & TECH CHALLENGE)

International Digital Resources Design and Application Competition

BRICS-FS-59

Test Project

(International Final_Offline)

June , 2026



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1 Competition Format

This competition event adopts a team-based format. Each team shall consist of 3 to 5 participants with no separate divisions. All team members must be present during the competition.

2 Event Content

This competition event is open to teachers and students from universities and vocational colleges nationwide, as well as employees of enterprises and public institutions. Aligned with the requirements of opening-up in education, integration of industry and education, and international talent cultivation, the competition focuses on scenarios including internationalized teaching in universities, cross-border vocational training, Sino-foreign joint talent development, and distinctive education featuring "Chinese Language + Vocational Skills". Four categories are established: Design and Application of Internationalized Digital Teaching Materials, Design and Application of Internationalized Curriculum Resources, Design and Application of Internationalized Post Training Resources, and Design and Application of "Chinese Language + Vocational Skills" Resources. Each participating team may select one category to sign up for.

Prior to the competition, teams shall independently complete the full-cycle design, production, proofreading and optimization of their entries. Only entry presentation, explanation of design concepts and elaboration of application value will be conducted on-site during the competition.

3 Project Modules and Time Requirements

3.1 Project Modules and Time Requirements

This preliminary selection only consists of the on-site achievement presentation module, with no on-site production, written test or other modules.

Each team is allocated a maximum of 25 minutes for on-site presentation, covering two segments: work demonstration and oral presentation. No separate time limits are set for individual segments. An additional 5 minutes are reserved for Q&A, bringing the total duration to 30 minutes. Timekeeping will be uniformly managed by on-site staff, and exceeding the allocated time limit is strictly prohibited.

3.2 Detailed Task Requirements for the Four Categories

Participating teams shall select one of the following categories to develop their entries before the competition and conduct on-site presentations in accordance with corresponding requirements. All entries must be designed in Chinese-English bilingual or multilingual versions to adapt to foreign-related teaching and cross-border communication scenarios.

Category 1: Design and Application of Internationalized Digital Teaching Materials

Competition Content

Centering on teaching scenarios such as Sino-foreign cooperative education and education for international students in China, participants shall develop new digital overseas-oriented teaching materials suitable for cross-border teaching, overseas learners and campus internationalized teaching. The materials shall adopt a modular,

project-based and task-oriented structural layout. Relying on the Digital Intelligent Cloud Platform of Dalian University of Technology Press, teams shall complete the design, content compilation, interactive development and practical application planning of a full chapter of digital teaching materials. Entries shall integrate multimedia and interactive teaching resources to fit the online-offline blended international teaching model. Participating teams shall submit standardized teaching material documents and deliver an on-site demonstration report to elaborate on the practical application value of the materials in internationalized teaching.

Core Requirements

(1) Systematic Resources Develop micro-lesson videos and teaching design plans centering on core curriculum units, which shall conform to the logical sequence of course teaching.

(2) Teaching Adaptability Match the class hour schedule and teaching pace of cross-border teaching, accommodate the learning habits and cognitive rules of overseas students, and effectively address key and difficult points in international curriculum teaching.

(3) Innovation and Practicability Adopt diversified resource forms with situational, interactive and visualized design, compatible with innovative teaching modes including blended learning.

(4) Versatility Resources shall feature universal formats and strong compatibility to fit mainstream online teaching platforms and enable barrier-free access for teachers and students across borders. All content expressions and selected cases shall comply with international general teaching standards.

On-site Presentation Requirements

Demonstrate functional designs of the digital teaching materials; explain the basis for topic selection, framework design thinking, digital function development and bilingual/multilingual adaptation scheme of the materials. Emphasis shall be placed on elaborating the practical value and promotion approaches of the materials in scenarios including international student education and Sino-foreign teaching resource sharing.

Document Submission Requirements

Exported PDF file of the digital textbook chapter from the Digital Intelligent Cloud Platform, and WORD file of the textbook practical application plan. File naming rule: Team Name (e.g. XXX University - Team 1) + Category 1.

Category 2: Design and Application of Internationalized Curriculum Resources

Competition Content

Targeting college internationalized major courses, Sino-foreign co-built courses, cross-border shared courses and exclusive courses for international students, teams shall produce teaching videos covering intensive explanations of professional knowledge points, practical vocational skill operations, technical process demonstrations, fine traditional Chinese culture and other themes. All works shall follow rigorous teaching principles with clear logical structure and highlighted key contents. Participating teams will present their entries on-site and illustrate the implementation approaches and application value of such resources in empowering internationalized teaching.

Core Requirements

(1) Systematic Resources Develop micro-lesson videos and teaching design plans centered on core curriculum units, consistent with the teaching logic of the course.

(2) Teaching Adaptability Align with the class hour arrangement and teaching rhythm of cross-border teaching, accommodate overseas students' learning habits and cognitive patterns, and effectively resolve key and difficult issues in international curriculum instruction.

(3) Innovation & Practicability Adopt diversified resource forms integrated with situational, interactive and visual design to fit innovative teaching modes such as blended learning.

(4) Versatility Resources shall adopt universal formats with high compatibility to work on mainstream online teaching platforms and allow barrier-free access for teachers and students worldwide. All wording and selected cases shall conform to international general teaching standards.

On-site Presentation Requirements

Present video resources, interpret the logical design of video scripts and the layout of knowledge points; elaborate on the foreign-related teaching scenarios the resources adapt to, their strengths in cross-border communication, as well as application plans for overseas vocational training.

Document Submission Requirements

Curriculum resources in video format (no longer than 15 minutes), WORD files of teaching courseware and teaching design plans. File naming rule: Team Name (e.g. XXX University - Team 1) + Category 2

Category 3: Design and Application of Internationalized On-the-job Training Resources

Competition Content

Combined with the actual training needs of local talents, participating teams shall

develop practical bilingual or multilingual training resource packages adapted to the on-the-job scenarios of employees in overseas Chinese-funded enterprises. The entries shall balance language adaptation and professional post content, with practical and implementable regular training implementation plans designed. Focused on empowering the vocational competency development of local personnel through high-quality bilingual and multilingual resources, the works aim to effectively improve the professional literacy and job skills of local employees, support overseas employment and post development with high-standard training resources, and ensure the effective implementation of local employee training programs.

Core Development Requirements

(1) Accurate Post Adaptability

Strictly align with the job responsibilities, skill standards and updated industry regulations of corresponding overseas posts. The content focuses on practical operation training rather than empty theories, fully incorporates new technologies, new processes and new specifications of the industry, and fits the real working scenarios of overseas posts.

(2) Complete Resource Allocation

The entry shall cover core resources including post competency evaluation criteria, practical micro-lessons (within 15 minutes per session) and training courseware, forming a complete closed-loop training system. The duration of each core practical micro-lesson shall not exceed 15 minutes, and the total duration of the micro-lesson series shall be no more than 60 minutes. For special circumstances (e.g., demonstration of complete technological processes), an extension to 20 minutes is applicable upon application. Teams shall state the reasons in the submitted documents

and obtain approval from the competition organizing committee.

(3) Standardized International Presentation

Core training videos and text resources shall be presented in bilingual versions to adapt to the learning habits of foreign learners and overseas students. The resources shall avoid misunderstandings caused by regional and industrial differences, and conform to overseas employment standards and local industry norms.

(4) High Training Practicability

The resources are modular, splittable and combinable, adaptable to multiple training modes including short-term pre-job intensive training, on-the-job improvement training and online cross-border training. Oriented toward practical application, the resources cover practical contents such as solutions to common post problems, risk avoidance measures and real-scene case analysis.

(5) Innovation and Application Value

The teaching design and resource presentation forms are innovative, conforming to the post growth rules of college students. The resources feature high implementability and promotability, with promising application prospects in overseas scenarios.

On-site Presentation Requirements

Demonstrate all contents of the resource package; explain the formulation basis of post standards, the overall framework of resources and the design of training procedures; elaborate in detail the implementation approaches and reuse schemes of the complete set of resources in cross-border post training and overseas talent cultivation.

Document Submission Requirements

Submit all materials in a compressed package, including standard WORD documents,

micro-lesson MP4 videos and training PPT courseware. File naming rule: Team Name (e.g. XXX University - Team 1) + Category 3.

Category 4: Design and Application of "Chinese Language + Vocational Skills"

Resources

Competition Content

Targeting overseas school-running programs, Chinese workshops, international students studying in China, and skill improvement training for local employees of overseas Chinese-funded enterprises, teams shall develop integrated digital resources combining practical Chinese language application and hands-on vocational skills training. The resources break the separation between language learning and professional skill teaching, achieve integrated education where language boosts career development and skills consolidate language proficiency, and suit characteristic international education in universities and overseas vocational training featuring Chinese language. Participating teams shall deliver an on-site presentation to elaborate on the core value and application pathways of their works in global Chinese language promotion, vocational skill export, and overseas employment.

Core Development Requirements

(1) In-depth Integrated Education

Integrate professional post terminology, workplace dialogues, operation procedure explanations and industry standard expressions into Chinese language teaching, so as to simultaneously improve learners' Chinese proficiency and practical post skills, and highlight universities' featured international education model of "Chinese Language + Vocational Skills".

(2) Practical Scenario Adaptation

Design content centered on high-frequency communication and hands-on scenarios of relevant posts to match the real demands of learners seeking cross-border employment or overseas studies. The content shall be arranged from easy to difficult to accommodate overseas learners and university students with varying learning foundations.

(3) Standardized, Advanced and Compliant

All Chinese expressions shall comply with the Standards for Chinese Language Proficiency Grades in International Chinese Language Education. Vocational skill content shall align with cutting-edge international industry standards and incorporate developments of new technologies, new processes, new equipment and new norms (Four New Innovations).

(4) Premium Digital Experience

Equip with digital modules including bilingual annotations, situational dialogue videos, vocational operation demonstrations, simulated training and online exercises. The works shall feature standardized interfaces, smooth playback and strong interactivity, suitable for independent online learning and offline centralized practical training.

(5) High Promotion Value

Adopt an innovative development model that caters to universities' featured education demands. The resources are replicable and promotable, and can effectively support international school-running of universities and cultivation of local technical and skilled talents overseas.

On-site Presentation Requirements

Demonstrate core content and teaching procedures of the entry, explain the topic

positioning and integrated design logic of "Vocational Skills + Chinese Language"; illustrate the core value and implementation plans of the works in facilitating global Chinese popularization, vocational skill export and local employment overseas.

Document Submission Requirements

Participating teams may present entries in any one of the three forms: Digital Teaching Materials, Curriculum Resources or Training Resource Package.

(1) For entries in the form of Digital Teaching Materials: Submit the PDF file of textbook chapters exported from the Digital Intelligent Cloud Platform of Dalian University of Technology. File naming rule: Team Name (e.g. XXX University - Team 1) + Category 4.

(2) For entries in the form of Curriculum Resources: Submit curriculum videos (no longer than 15 minutes), teaching courseware and teaching design plans. File naming rule: Team Name (e.g. XXX University - Team 1) + Category 4.

(3) For entries in the form of Training Resource Package: Submit all relevant resources in a compressed package. File naming rule: Team Name (e.g. XXX University - Team 1) + Category 4.

3.3 On-site Presentation Rules and Work Requirements

Presentation Rules: Uniform presentation equipment including computers, monitors and audio systems will be provided at the venue, compatible with mainstream video, audio and document formats. If entries involve special file formats, participants shall convert them into universal formats in advance; format conversion services will not be available on site. International teams participating online shall also abide by the above rules and verify their own equipment and entry quality independently.

Entry Requirements: (1) Participants shall save their entries onto a USB flash drive

before the competition following the naming format: Team Name + Competition Category + Entry Name. Example: "XX Delegation - Category 1 - Basic Teaching Materials for Mechatronics Majors". (2) USB flash drives may be brought into the competition venue during the event. Only the current competition entry and its supporting materials are permitted on the drive; irrelevant files, videos, software, documents and other items are prohibited. (3) Participants may take their USB flash drives away for personal safekeeping after the presentation, and no hand-in is required on site. The Competition Organizing Committee reserves the right to use outstanding entries for event promotion, achievement exhibitions, resource library development and other related purposes.

4 Scoring Criteria for Project Modules

All four categories of this competition event and all participating teams shall adopt unified scoring dimensions, score weights and judging rules. The whole judging process will be carried out in strict adherence to the principles of fairness and impartiality.

The full score of this competition is 100 points. Assessment is based solely on the on-site presentation session; separate evaluation or scoring of teams' entries will not be conducted. Under the unified scoring framework, each category will be assessed against refined scoring indicators to ensure fair competition with identical judging criteria for all participants. The scoring dimensions are listed as follows:

Dimension	Weight	Indicators
Standardization	10%	Complete document formats, standardized citations,

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Dimension	Weight	Indicators
		and no politically or culturally sensitive content.
Content Quality	20%	Accurate professional knowledge, rigorous logical structure, authentic cases, and appropriate difficulty level.
Digital Design	20%	Good interactivity, integrated multimedia resources, user-friendly interface, and strong technical compatibility.
Internationalization Level	20%	High-quality language expression, proper cultural adaptation, compliance with international standards, and good adaptability to overseas teaching scenarios.
Teaching Practicability	15%	Clear application scenarios, complete supporting resources, ready for immediate use, and highly promotable.
Innovation & Features	15%	Effective application of AI technology, innovative teaching modes, novel integration methods, and unique application scenarios.



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