

2026 BRICS Skills Competition
(BRICS Future Skills & Technology Challenge)
China's Division

No.	Code of Skills	Name of Skills	# Competitors/Team
1	BRICS-FS-06	Building Information Modelling BIM	2 Competitors
2	BRICS-FS-08	Embodied Intelligence Innovative Applications	2 Competitors
3	BRICS-FS-12	Industrial Internet	2 Competitors
4	BRICS-FS-14	Development and Application of UAV System	2 Competitors
5	BRICS-FS-16	Internet of Things	2 Competitors
6	BRICS-FS-20	5G Network Construction and Operation & Maintenance	2 Competitors
7	BRICS-FS-23	Digital Industry (Industrial Digital Twin)	2 Competitors
8	BRICS-FS-28	Cyber Security	2 Competitors
9	BRICS-FS-32	Smart Agriculture	2 Competitors
10	BRICS-FS-36	Industrial Data Acquisition and Intelligent Analysis Applications	1 Competitor
11	BRICS-FS-37	Installation and Commissioning of New Power System	2 Competitors
12	BRICS-FS-40	Industrial Robot Digital Twin Technology Application	2 Competitors
13	BRICS-FS-44	Digital Visual Art Design	2 Competitors
14	BRICS-FS-47	Virtual Simulation of Landscape Gardening Construction	2 Competitors
15	BRICS-FS-48	Application of Smart Construction Technologies in Urban Renewal	2-3 Competitors
16	BRICS-FS-51	Digital Control Technology	2 Competitors
17	BRICS-FS-52	Intelligent Control and AI Collaborative Application	2 Competitors
18	BRICS-FS-53	Safety Management and Emergency Rescue	2-4 Competitors
19	BRICS-FS-56	Artificial Intelligence Technology Applications	2 Competitors
20	BRICS-FS-57	AI Multimodal and Electronic Design Technology	3 Competitors
21	BRICS-FS-58	Artificial Intelligence Applications Innovation	2 Competitors
22	BRICS-FS-59	Design and Application of Internationalized Digital Resources	3-5 Competitors
23	BRICS-FS-61	Biological Inspection Technology	1 Competitor
24	BRICS-FS-62	Green Chemical Safety Intelligent Control	3 Competitors
25	BRICS-FS-63	Embodied Intelligence Engineering Technology	1 Competitor
26	BRICS-FS-64	Low-altitude Intelligent Aircraft Application	2 Competitors
27	BRICS-FS-65	AI Digital Intelligent Agricultural Virtual Simulation	2 Competitors

28	BRICS-FS-66	Intelligent Manufacturing Digital Application	2 Competitors
29	BRICS-FS-67	IT Application Innovation & AI Cross-Border Multilingual Cultural Applications	3 Competitors
30	BRICS-FS-68	Biomedical Innovation Skills	3-4 Competitors
31	BRICS-FS-69	Digital Construction Design	2 Competitors
32	BRICS-FS-70	Smart New Energy Vehicles Manufacturing	2 Competitors
33	BRICS-FS-71	Integrated Circuit Development and Application	2 Competitors

2026 BRICS Competition of Skills Development and Technology Innovation				
No.	Code of Skills	Name of Skills	# Competitors /Team	Format
TRACK OF SKILLS OPERATION				
1	I-2026BR-001-CN	Welding	1-2	Online & Onsite
2	BRICS2026-ST-001	Digital Construction Technology Application for Road and Infrastructure Projects	2	Onsite
3	BRICS2026-ST-002	Intelligent Construction Technology Application in Civil Engineering and Architecture	2	Onsite
4	BRICS2026-ST-016	E-commerce Operation Data Analysis	3	Onsite
5	BRICS2026-ST-017	Modern Beverage Integrated Innovation Design and Service Skills	2-4	Onsite
6	BRICS2026-ST-018	Smart Cultural Tourism Product Design and Marketing Skills	2-4	Onsite
7	BRICS2026-ST-049	3D Digital Content Design and Creation	3	Onsite
8	BRICS2026-ST-050	New Energy Vehicle Innovation and Production	2	Onsite
9	BRICS2026-ST-051	Cross Border E-commerce Skills and Data Analysis	2	Onsite
10	BRICS2026-ST-052	Power System Automation	1	Onsite
11	BRICS2026-ST-053	Intelligent Detection for Industrial Parts	1	Onsite
12	BRICS2026-ST-054	UAV Flight Operations and Application Technology	1	Onsite
13	BRICS2026-ST-055	Mechanical Product Digital Design and Manufacturing	1	Onsite
14	BRICS2026-ST-056	UAV Operation	1	Onsite
15	BRICS2026-ST-057	AI Empowering Digital Creative Design and Application	3	Onsite
16	BRICS2026-ST-058	Digital Multi-axis Machining Innovative Manufacturing	2	Onsite
17	BRICS2026-ST-059	Drone Logistics & Transportation	2	Onsite
18	BRICS2026-ST-060	Virtual Reality Product Design and Development	2	Onsite
19	BRICS2026-ST-061	3D Printing Modeling Technology	2	Onsite
20	BRICS2026-ST-089	Time-Space Intelligence Applications Innovation	1-4	Onsite
21	BRICS2026-ST-090	International Digital Supply Chain Operation of Agricultural Products	2-3	Onsite
22	BRICS2026-ST-103	Health Care for the Elderly	1	Onsite
23	BRICS2026-ST-105	Elderly Ability Assessment	2	Onsite
24	BRICS2026-ST-106	Baby Care	2-3	Onsite
25	BRICS2026-ST-107	Nutritional Diet	2	Onsite
26	BRICS2026-ST-108	Educational Tourism Instructors	2-3	Onsite
27	BRICS2026-ST-114	Family Education	3-4	Onsite
28	BRICS2026-ST-117	Campus First-aid and Rescue Technology	2	Onsite
29	BRICS2026-ST-118	"Chinese + Professional Skills" International Digital Application	1	Onsite

30	BRICS2026-ST-125	Railway Signal Control	2	Online & Onsite
31	BRICS2026-ST-131	New Energy Storage Technology and Applications	1	Onsite
32	BRICS2026-ST-143	AI+ Application Innovation and Security Design	1-3	Onsite
33	BRICS2026-ST-147	Traditional Intangible Cultural Heritage Martial Arts Based on a Digital and Intelligent Management System	1-6	Onsite
34	BRICS2026-ST-156	AI Interactive 3D Digital Work Design	2	Onsite
35	BRICS2026-ST-157	Intelligent Operations and Maintenance Technology of Robot	1	Onsite
36	BRICS2026-ST-158	AI+Intelligent Production Line Digital Technology Application	2	Onsite
37	BRICS2026-ST-159	Digital Twin Of Industrial Products (Virtual Assembly & Debugging)	2	Onsite
38	BRICS2026-ST-161	Digital Innovation Design of Products	2	Onsite
39	BRICS2026-ST-163	Chinese Information Processing (Direction of Clerk)	1	Onsite
TRACK OF TECHNOLOGY INNOVATION AND TEACHERS' COMPETITION				
40	BRICS2026-TI-001-01	Intelligent Advanced Manufacturing	1-5	Online & Onsite
	BRICS2026-TI-001-02	Digital Health and Healthcare	1-5	Online & Onsite
	BRICS2026-TI-001-03	Green Energy and Carbon Neutrality	1-5	Online & Onsite
	BRICS2026-TI-001-04	AI-Integrated Applications	1-5	Online & Onsite
	BRICS2026-TI-001-05	Virtual Simulation and Metaverse	1-5	Online & Onsite
	BRICS2026-TI-001-06	Digital Agriculture and Food Security	1-5	Online & Onsite
	BRICS2026-TI-001-07	Aerospace Information and Communication Technology	1-5	Online & Onsite
	BRICS2026-TI-001-08	Smart Governance and Public Administration	1-5	Online & Onsite
	BRICS2026-TI-001-09	Ecological Protection and Resilient Cities	1-5	Online & Onsite
	BRICS2026-TI-001-10	Future Frontier Technology Exploration	1-5	Online & Onsite
41	BRICS2026-TI-007	BRICS Vision Short Video & Film	1-5	Online & Onsite
42	BRICS2026-TI-008	Research Travel Course Design and Implementation Innovation	2-4	Online & Onsite
43	BRICS2026-STT-001	Teachers' Teaching Ability	1-4	Online & Onsite