

Questionnaire

Dear students,

This questionnaire aims to assess your self-evaluation of the abilities developed through completing the *Oral Health Popular Science Works Creation* project. Please tick (✓) the corresponding option from 1 to 5 on the right that best matches your actual experience. There are no right or wrong answers. All data will be used solely for teaching research, so please feel free to respond honestly. Thank you for your support!

Dimension	No.	Item	Strongly Disagree → Strongly Agree (1 → 5)
A. Knowledge Transformation Competence	1	I can accurately identify the core knowledge points of preventive dentistry suitable for public dissemination from course materials and references.	1 2 3 4 5
	2	I am able to translate professional medical terms (such as "plaque control" and "pit and fissure sealant") into plain and easy-to-understand daily language.	1 2 3 4 5
	3	I know how to search for and screen authoritative reference materials for my chosen topics, such as "children's caries prevention".	1 2 3 4 5
B. Creative Design and Production Competence	4	I know how to design appealing titles and openings for my popular science content to engage target audiences such as parents.	1 2 3 4 5
	5	I can select appropriate presentation forms such as charts, animations and skits for popular science viewpoints.	1 2 3 4 5
	6	I am confident in using basic software and tools (such as PPT, CapCut and Canva) to create videos and posters.	1 2 3 4 5
C. Communication and Audience Awareness	7	I will take into account differences in comprehension ability and interests among different audiences during the design process.	1 2 3 4 5
	8	I can put forward specific, practical and down-to-earth suggestions in my works.	1 2 3 4 5
	9	I believe my work can effectively persuade or remind the audience to adopt beneficial oral health behaviors.	1 2 3 4 5
D. Recognition of Professional Value	10	I believe creating high-quality popular science content for the public is one of the important responsibilities of preventive dentistry practitioners.	1 2 3 4 5
	11	Completing this project has further increased my interest in pursuing a career in oral public health or health education in the future.	1 2 3 4 5

	12	This task has made me realize that besides clinical skills, communication and creativity are also essential competencies for modern physicians.	1 2 3 4 5
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