

APPENDIX

TPACK FRAME WORK IN LINE WITH THE CONTEXT OF EDUCATION IN VIETNAM

Knowledge of Pedagogy (PK)

PK1: Organizes student discussions, during group work

PK2: Learners guide, collaborative learning

PK3: Instructs learners to plan their own learning

PK4: Support the problem solving ability of learners

PK5: Adjust the teaching based on the knowledge of the learner.

PK6: Use a variety of assessment methods.

PK7: Use a variety of teaching methods

PK8: Organize and maintain classroom management

PK9: Understand students and the educational environment for appropriate instruction and education;

Knowledge of technology (TK)

TK 1. Use and operate the computer at a basic level

TK2: Addressing technical issues related to ICT

TK 3: Already familiar with new technologies and their features

TK4: Know some sites about new technology

Knowledge of content (CK)

CK1: I have enough knowledge about the subject that I am teaching

CK2: I am always following and familiar with the development and application of recent studies of the subject that I am teaching.

CK3. I have a variety of strategies to develop my understanding of the subject that I am teaching

CK4. I can use the specific thinking methods of the subject that I am teaching.

Interaction between pedagogical knowledge and content knowledge (PCK)

PCK1: In the subject that I am teaching, I know how to guide how to solve problems related to content for group learners.

PCK2: I know how to guide students critical thinking

PCK3: I know how to guide learners to use each other's ideas and thoughts in team work.

PCK4: I know how to guide students' self-awareness

PCK5: I know how to guide students in their study planning

PCK6: I know how to develop students' creative thinking

PCK7: I have the ability to communicate, to perform well teaching and education tasks

PCK8: I have the education competence to develop the personality of the students

Interaction between technology knowledge and pedagogical knowledge (TPK)

TPK1: Know how to use ICT in teaching as a tool for learners to self-aware

TPK2: Know how to use ICT in teaching as a tool for learners to plan their own learning

TPK3: Know how to use ICT in teaching as a tool for sharing ideas and thoughts together

TPK4: Know how to use ICT in teaching as a tool to support the creative thinking of learners

TPK5: Know how to use ICT in teaching as a tool for solving problems of students in groups

TPK6. Selecting the technology that suits your teaching methods and strategies

Interaction between specialized knowledge (content) and technology knowledge (TCK)

TCK1: Know the online documentation sites on scientific research that you are teaching

TCK2: Know the applications of ICT to improve understanding of the content of the subject

TCK3: Know the technology that can be used to illustrate the difficult content in the subject that you are teaching

TCK4. Develop activities and classroom projects related to the use of teaching technologies

Interaction between knowledge of pedagogy, technology and content (TPACK)

TPACK 1. Ability to analyze and assess ICT policy issues in education

TPACK 2. Ability to apply ICT in the development and development of curriculum.

TPACK 3. Ability to apply ICT in assessing learners' learning outcomes

TPACK 4. Ability to use information and communication technology tools

TPACK 5. Ability to apply ICT in the design and implementation of teaching.

TPACK 6. Ability to apply ICT in management, teaching organization

TPACK 7. Ability to apply ICT in professional and pedagogical training