

QUESTIONARE OF DIFFICULTY ON VOCATIONAL TEACHERS IN THE IMPLEMENTATION OF LEARNING BASED ON 21st Century ABILITIES

Personal Identity

Name of Teachers :

Name of the Institution :

Petunjuk pengisian angket:

1. This questionnaire is addressed to vocational teachers in Sleman regency.
2. Fill in the statements in this questionnaire honestly and are not influenced by others
3. Choose the one that best fits your opinion and circumstances.
4. Put a check mark (√) on your choice of answer in the column provided.
5. Description of answer choices: SA (Strongly Agree), A (Agree), DL (Disagree Less), and D (Disagree).

A. Critical Thinking

No	Statement	Answer Options			
		SA	A	DL	D
1	I have difficulty applying learning by reasoning inductively, deductively and verifying.				
2	I do not have the competence to manage learning using inductive, deductive reasoning and verification.				
3	I do not have literacy in learning management which is oriented to the use of inductive, deductive and verification reasoning.				
4	I don't know how to apply deep, complex results-oriented learning.				
5	I have difficulty applying the ability to analyze and evaluate learning in students.				
6	I have difficulty applying analytical learning methods in formulating solutions to learning problems for students				
7	I find it difficult to manage learning activities that synthesize and make connections between information and arguments in students.				
8	I have problems in providing provisions for interpreting information in learning to students.				

9	I find it difficult to trigger students to draw conclusions on learning outcomes based on proper analysi.				
10	I have difficulty in encouraging students to identify and ask important and critical questions in learning.				

B. Problem-Solving

No	Statement	Answer Options			
		SA	A	DL	D
1	I have difficulty applying problem-solving oriented learning.				
2	I don't have the competence to manage problem-based learning.				
3	I do not have literacy in problem solving oriented learning management				
4	I do not know how to apply good and correct problem-solving oriented learning.				
5	I have difficulty managing learning resources in solving problems right in learning.				
6	I have difficulty applying analytical learning methods in formulating solutions to learning problems for students.				
7	I find it difficult to manage learning activities to identify real problems in daily activities.				
8	I have a problem in helping to formulate solutions to problems that can be raised in learning.				
9	I find it difficult to trigger students to draw conclusions on problem-based learning outcomes				
10	Saya kesulitan dalam mendorong siswa untuk mengorientasikan permasalahan dari berbagai sudut pandang penting				

C. Communication

No	Statement	Answer Options			
		SA	A	DL	D
1	I have difficulty in applying the articulation of creative thoughts and ideas orally in student learning.				

2	I have difficulty encouraging students to listen effectively to decipher meaning, including knowledge, values, attitudes and intentions.				
3	I find it difficult to encourage students to listen effectively for a variety of learning goals.				
4	I find it difficult to encourage students to take advantage of various media and technologies in communicating.				
5	I find it difficult to encourage students to listen effectively in a learning environment and across a diversity of students.				

D. Collaboration

No	Statement	Answer Options			
		SA	A	DL	D
1	I find it difficult to apply learning that can encourage collaboration between students and teachers in solving learning problems.				
2	I find it difficult to exercise the flexibility of students to help make the compromises needed to achieve common goals.				
3	I find it difficult to encourage the willingness of students to assist in making the compromises needed to achieve common goals.				
4	I find it difficult to train students to take shared responsibility for collaborative work, and appreciate the individual contributions made by each team member.				
5	I have difficulty encouraging students to demonstrate the ability to work effectively and respectfully with diverse teams.				

E. Creativity

No	Statement	Answer Options			
		SA	A	DL	D
1	I have difficulty applying learning using various idea creation techniques (such as brainstorming).				
2	I am not competent and have broad insight into using various idea creation techniques to support learning.				

3	I find it difficult to encourage students to be able to create new and valuable ideas.				
4	I don't know how to apply results-oriented learning to create original products.				
5	I have difficulty managing learning that can encourage students' curiosity to learn.				
6	I find it difficult to apply creative learning methods by collaborating between friends and with teachers.				
7	I find it difficult to encourage and encourage students to elaborate, develop or detail ideas.				
8	I have problems developing analytical skills for new ideas in students.				
9	I find it difficult to integrate technology in encouraging student creativity.				
10	I have difficulty in encouraging students to identify problems creatively which are oriented towards finding creative solutions.				

F. Digital Literacy

No	Statement	Answer Options			
		SA	A	DL	D
1	I find it difficult to apply learning that can instill the ability to access information with effective sources.				
2	I find it difficult to apply learning that can instill the ability to access information in an efficient time.				
3	I find it difficult to encourage students' abilities to critically evaluate information through digital media.				
4	I have difficulty shaping students' abilities to use information accurately and creatively.				
5	I have difficulty managing learning that can provide an understanding of the purpose and benefits of digital media information.				

6	I have difficulty applying a basic understanding of ethics in the use of digital media.				
7	I have difficulty applying a basic understanding of the law in the use of digital media.				
8	I find it difficult to apply how to learn to understand and apply digital media as a tool to hone creativity by making the right media.				
9	I find it difficult to apply how to learn to understand and apply effectively in interpreting his abilities in digital media with diverse environments.				
10	I find it difficult to encourage students to identify problems creatively using digital learning resources.				