

## Appendix 5. Material Expert Validation Grid

### MATERIAL EXPERT VALIDATION GRID

No	Aspect	Indicator	Instrument Number
1	Material	Clarity of material	1
		Material conformity with CP and TP	2
2	Benefit	Ease of understanding	3
		Increase learning motivation	4
		Provide new experiences	5
		Ease of use	6
		Increase learning concentration	7
3	Use	Can be used at any time	8
		Can be used anywhere	9
		Can be used as independent learning	10
		Can be used classically	11
		Accuracy of text use	12
		Accuracy of image use	13
		Accurate use of animation	14
		Accuracy of language use	15
4	Media Suitability	Suitability of developments in science and technology	16
		Media compliance with SCL	17
		Suitability of the material contained in the media	18

## Appendix 6 . Media Expert Instrument Grid

### MEDIA EXPERT VALIDATION GRID

No	Aspect	Indicator	Instrument Number
1	Format	Ease of operating learning media	1
		Clarity of instructions for using learning media	2
		Ease of navigation buttons presented	3
		Ease of feedback for students	4
2	Contents	Contains Learning Achievements and Learning Objectives based on the independent curriculum	5
		Suitability of material to the curriculum	6
		Suitability of material to learning outcomes and learning objectives	7
		The explanation of the material is easy to understand	8
		Presentation of questions is appropriate to the material presented	9
		Providing evaluation on learning media	10
		Use of text that is clear and easy to understand	11
		The use of animation is interesting and fits the concept	12
		Use appropriate and attractive color combinations	13
		The suitability of the image or object to the material	14
		Appropriate and interesting use of audio or video	15
3	Language	The language used is simple and easy to understand	16
		The language used is in accordance with standard Indonesian language rules	17

## Appendix 7 . Student Response Questionnaire Validation Grid

### STUDENT RESPONSE QUESTIONNAIRE VALIDATION GRID

No	Aspect	Indicator	Instrument Number
1	Interest	The design of this interactive learning media is interesting	1
		This interactive learning media makes me enthusiastic about studying geosphere phenomena	2
		By using this interactive learning media, learning is not boring	3
		This learning media provides new experiences	4
		The animation used in this interactive learning media is very interesting	5
		The videos presented on this interactive learning media are very interesting and appropriate to the material presented	6
		The design and appearance of each menu is very attractive	7
		There is a game menu that makes me enthusiastic about playing while learning	8
2	Material	The presentation of material in this media is very easy for me to understand	9
		The material presented in interactive learning media is in accordance with the teaching materials used	10
		This learning media contains evaluations that can measure my ability to understand geosphere phenomena	11
		The material is grouped according to the material title so it is easy to understand	12
		This interactive learning media supports me to master geography subjects, especially geosphere phenomena	13
		There are buttons that make me want to explore interactive learning media	14
3	Use	This media can be used at any time	15
		This media can be used anywhere	16
		This media can be used as an independent learning medium	17
		There is a menu of instructions so that I can use this media	18
		Using this media is very easy to operate	19
4	Language	The language used is easy to understand	20
		The language used in this media is good and standard Indonesian	21
		The letters used are simple and easy to understand	22

## Appendix 10 . Student Response Questionnaire Validation Sheet

### VALIDATION OF STUDENT RESPONSE QUESTIONNAIRE INTERACTIVE LEARNING MEDIA BASED ON *ARTICULATE STORYLINE 3*

Researcher Name : Nursita Ningsih  
NIM : 141910035  
Research Title : Development of Interactive Learning Media  
*Articulate Storyline 3* in Geography Subject on Geosphere  
Phenomenon Material at SMA Negeri 2 Simpang Hilir  
Name of Institution : IKIP PGRI Pontianak

#### CHARGING INSTRUCTIONS

1. Before filling out this response questionnaire, make sure you have used and explored Interactive Learning Media Based on *Articulate Storyline 3* in Geography Subjects, Geosphere Phenomenon Material.
2. Please read each question in this questionnaire carefully before you give a rating.
3. Through this instrument, you are asked to provide an assessment of the Interactive Learning Media Based on *Articulate Storyline 3* in the Geography Subject, Geosphere Phenomenon Material which will be used as input to improve and improve the quality of this interactive learning media.
4. You are requested to provide a *check list mark* (✓) in the appropriate column to assess the quality of *Articulate Storyline 3 Based Interactive Learning Media* in Geography Subjects, Geosphere Phenomenon Material with the information:  
**SB : Very Good (Score 4)**  
**B : Good (Score 3)**  
**C : Fair (Score 2)**  
**K : Less (Score 1)**
5. Before making an assessment, fill in your identity completely first.

#### IDENTITY

Student's name :...

.....

Class :... ..

Which school are you from :...

.....

No	Assessment Aspects	SB	B	C	K
<b>A. Interest</b>					
1	This Interactive Learning Media design is interesting				
2	This interactive learning media makes me enthusiastic about studying geosphere phenomena				
3	By using Interactive Learning Media, learning will not be boring				
4	This learning media provides new experiences				
5	The animation used in this interactive learning media is very interesting				

6	The videos presented on this interactive learning media are very interesting and appropriate to the material presented				
7	The design and appearance of each menu is very attractive				
8	There is a game menu that makes me enthusiastic about playing while learning				
<b>B. Material</b>					
9	The presentation of material in this media is very easy for me to understand				
10	The material presented in interactive learning media is in accordance with the teaching materials used.				
11	This learning media contains an evaluation that can measure my understanding ability regarding geosphere phenomena				
12	The material is grouped according to the material title so it is easy to understand				
13	This interactive learning media supports me to master geography lessons, especially geosphere phenomena material				
14	There are buttons that make me want to explore interactive learning media				
<b>C. Use</b>					
15	This media can be used at any time				
16	This media can be used anywhere				
17	This media can be used as independent learning				
18	There is a menu of instructions so that I can use this media				
19	Using this media is very easy to operate				
<b>D. Language</b>					
20	The language used is easy to understand				
21	The language used in this media is good and standard Indonesian				
22	The letters used are simple and easy to read				
Amount					
Total Score					