School:					
Date:		Teacher's name: Dzhakipbaev Abai Kazbekovich			
Grade:		Number present: absent:			
Topic of the	lesson: Scrip	ots. Script Connection			
Learning objective(s) that this lesson is contributing to		 development of students' ability to express thoughts, model the situation; repetition and consolidation of the basic material, expressed in unusual situations; 			
Lesson obie	ctives	All students will be able to:			
Lesson objec		· What are scripts and what are they for?			
		Most students will be able to:			
		• Make the script $<$ script src = "scripts.js"> $<$ /script> correctly			
		Some students will be able to:			
		• Understand the difference between the async and defer attributes from each other and			
		use			
Assessment Criteria					
Value links		fostering respect for others, the ability to properly dispute, the will to learn new things,			
		resourcefulness, teamwork			
Previous lea	rning				
Cross curric	ular links				
Time		Planned activities		Resources	
		1. Repetition of the passed («hot table» game)			
	Build, outline	e, greeting, message topics and learning objectives. Sat	fety Reminder,		
Beginning	explain success criteria.			Computer	
10 min	Create a program with variables			Projector	
	Create a program with variables.			Internet	
	Robot with so	cripts.		Internet	
	The differenc	e between the async and defer attributes from each oth	her.	Board	
		-			
Middle	Imagine your	script occupying tens or hundreds of lines of code. Or	r even more.		
25 min	And, of cours	se, we most likely need this script on every page of our	r site. Agree. it		
	will be comp	letely bad in this case to duplicate these hundreds of lin	nes of code in		
	each file. And just the presence of non-HTML code in an HTML document will				
	not look very right and not very pretty.				
	That is why I	which is			
	That is why JavaScript code is usually taken out in a separate file, which is				
	connected to the page. Actually, everything is the same as in the case of style files.				
	How to connect a JavaScript script to the main file? Very simple. To do this, we				
	as in the case	with nictures Well as you might have guessed the n	ath to the		
	as in the case with pictures. Well, as you might have guessed, the path to the lave Script plugin is specified in the groattribute.				
	Let's try to tra file and inclu	ansfer our program, which consists of one line of code, to an external ide this file. Call this file, for example, scripts.js:			
	Please note th	nat inside the connected file we need to write script tag	gs. Not only		
	that, if we wr	ite them in a .js file, our JavaScript code will stop wor	king, and we		
	will get a JavaScript error.				
	Well, the con	nection of an external JavaScript file itself:			
	1 < script src =				
	*				



If we refresh the page now, nothing will change, our script works and, as before, displays a modal window with a greeting.



What should I look for when connecting scripts? We included the script at the end of the document, before the closing body tag. Previously, scripting at the beginning of the document, in head tags, was practiced. However, this is not recommended today, and scripts recommend connecting it at the end of the document. Why is that?

Let's try moving the connections between the head tags:



What do we see? Nothing but a modal window. There is no content. That is the essence. When an external script is connected at the beginning of the document, the browser starts downloading it and tries to execute it. And until the download and execution of the script is completed, the browser will not show the part of the document following the include file.

Now imagine that for some reason this file loads extremely slowly. As a result, the user will have to wait, and sometimes he may just not wait. That is why it is recommended to include scripts at the end of the document, before the closing body tag.

But what if a certain library requires a connection at the very beginning of the document? How to be in this case? In this case, the async and defer attributes will help us, which allow the browser to load scripts asynchronously, i.e. the browser will start loading the script, but it will not stop showing the document. Let's try to use these attributes one by one:



- 1 <! option 1 ->
- 2 <script src = "scripts.js" async> </script>
- 3 <! option 2 ->
- 4 <script src = "scripts.js" defer> </script>

In both cases, we get the same result, the script is connected without interrupting the display of the document:

	Привет
	ок

What is the difference between the async and defer attributes from each other? The defer attribute stores the connection sequence of external scripts, i.e. the first script that connects above will always be executed first. This is important when we include several scripts and one of them may depend on the other. In this case, the main script must be connected before the dependent one. The defer attribute ensures order. The async attribute will ensure the execution of the script immediately after loading it. Therefore, this option is not always suitable, since the dependent script may load earlier than the main one.

End 5 min	diseases Transas Transas Tomora da ante anges disama da ang disama da anges disama da anges			
Differentia	tion – how do you plan to give	Assessment – how are you	Health and Safety	
How do yo	more support? ou plan to challenge the more	planning to check learners' learning?		
How do yo	more support? ou plan to challenge the more able learners?	planning to check learners' learning?		