School:		
Date:	**Teacher‘s name: Dzhakipbaev Abai Kazbekovich**	
Grade:	**Number present:**	**absent:**
Topic of the lesson: JavaScript programming language		
Learning objective(s) that this lesson is contributing to	This lesson introduces Javascript syntax	
Lesson objectives	All students will be able to: · Learn about Javascript Most students will be able to: · Learn to find a Javascript environment Some students will be able to: • Write the first program	
Assessment Criteria	**Literacy -1point** **Originality -1point** **Time -1 point**	
Value links	“Consider as unhappy that day or that hour in which you have not learned anything new and added nothing to your education” Jan Amos Comenius	
Previous learning	History of JavaScript, “Interpretation” Compilation and interpretation, for programmers, What can JavaScript do? What JavaScript does not know? JavaScript border in browser	
Cross curricular links	Matematics, computer science	

Time	**Planned activities**	**Resources**
	Lesson Planned Activities 1. Organizational moment 2. Work with cards 3. New e-book theme powered by PowerPoint 4. A moment of physical activity 5. First JavaScript Programming 6. Homework: watch the video at https://www.youtube.com/watch?v=KmTK8kub**_gw** **1 hour 37 min**	Board, computers, internet, interactive board, projector
Beginning 35 min	**Organizing time.** **Define the meaning of these words, what they are:** **CSS / HTML** **Php** **SQL** **Javascript** **Python** **Go** **Java** **Ruby** **C ++** **FROM** **Cards with the above words are distributed to children, children in the group determine what it is and where they are used, they can use mobile means or cool computers**	

Middle 25 min	**JavaScript History** JavaScript (/ ˈdʒɑːvɑː ˌskrɪpt /; abbr. JS /ˈdʒeɪ.ɛs./) is a multi-paradigm programming language. Supports object-oriented, imperative and functional styles. It is an implementation of the ECMAScript language (ECMA-262 standard). JavaScript is commonly used as an embedded language for programmatically accessing application objects. It is most widely used in browsers as a scripting language to give interactivity to web pages. The main architectural features: dynamic typing, weak typing, automatic memory management, prototype programming, functions as objects of the first class. JavaScript was influenced by many languages; during development, the goal was to make the language look like Java, but at the same time easy for non-programmers to use. JavaScript is not spoken by any company or organization, which distinguishes it from a number of programming languages used in web development. JavaScript is a registered trademark of Oracle Corporation in the United States. "Interpretation" JavaScript can be executed not only in the browser, but anywhere, you only need a special program-interpreter. The script execution process is called "interpretation." What can javascript do? • Modern JavaScript is a “safe” general-purpose programming language. It does not provide low-level tools for working with memory, the processor, since it was originally focused on browsers in which it is not required. • As for the other features - they depend on the environment in which JavaScript is running. In a browser, JavaScript can do everything related to page manipulation, interaction with the visitor, and, to some extent, the server: • Create new HTML tags, delete existing ones, change element styles, hide, show elements, etc. • Respond to visitor actions, handle mouse clicks, cursor movements, keystrokes, etc. • Send requests to the server and download data without reloading the page (this technology is called "AJAX"). • Receive and set cookies, request data, display messages ... …and many many others! What JavaScript does not know? • JavaScript is a fast and powerful language, but the browser imposes some	

	restrictions on its execution ... • This is done for the safety of users, so that an attacker could not use JavaScript to obtain personal data or somehow harm the user's computer. • These restrictions are not where JavaScript is used outside the browser, such as on the server. In addition, modern browsers provide their own mechanisms for installing plugins and extensions that have advanced features, but require special installation actions from the user. **A moment of physical activity** **https://www.youtube.com/watch?v=abd1NWTWfEs** First programming <! doctype html> <html lang = "ru"> <head> <meta charset = "UTF-8"> <title> First Javascript </title> </head> <body> <! - We include the external Javascript file -> <script src = "myjavascript.js"> </script> </body> </html>	
End **5 min**	1. Homework: watch the video at https://www.youtube.com/watch?v=KmTK8kub_gw **1 hour 37 min**	

			

Differentiation – how do you plan to give more support? How do you plan to challenge the more able learners?	**Assessment – how are you planning to check learners' learning?**	**Health and Safety**
Watch videos and learn more strengthen knowledge about JS	Working in a group each participant is rated the highest score 3 And at the end of the lesson, a self-assessment card is issued	A moment of physical activity in the middle of the lesson