













Пән Subject	ИНФОРМАТИКА COMPUTER SCIENCE
Мұғалім Teacher name	Махсұт Жанар Мұхтарқызы Makhsut Zhanar
Мектеп, сынып	Астана қаласы, №70 мектеп-лицей, School lyceum: 70
Сынып Grade	5
Сабақ тақырыбы Theme of the lesson	Команда бойынша



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Сабақта қол жеткізілетін оқу мақсаттары (оқу бағдарламасына сілтеме) Learning objectives that this lesson is contributing to	5.3.2.3 – Орындаушыларға және олардың командалар жүйесіне мысал келтіру. 5.3.2.2 – Алгоритмді сөз түрінде ұсыну. S5 create different algorithms. R1 recognize and identify some familiar sight words from local environment. L2 recognize and identify algorithms from everyday life. W2 Pupils fill in the worksheets. UE9 learn to write and create algorithms.
Lesson objectives	Learners will be able to: Алгоритмді құруды және алгоритмді сөз түрінде ұсынуды түсіну. Learn to create, write and say about algorithms.
Success criteria	Learners have met the learning objective (R1) if they can: – explore other subject areas (Science)
Value links	Cooperation and respect
Cross-curricular links	MATHEMATICS, ART
ICT skills	Using videos & pictures from BILIMLAND.KZ
Previous learning	Project time

Plan

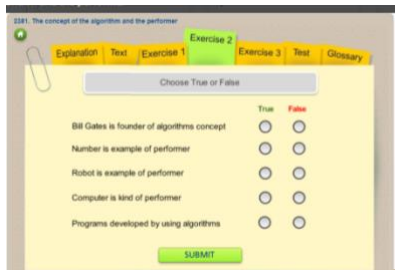
Planned timings	Planned activities	Resources												
Beginning 5 mins	<p>Teacher greets students; students respond to the greeting and prepare for the lesson.</p> <p style="text-align: center;">Warming up</p> <p>Task1. To identification</p> <table border="1" style="width: 100%;"> <tr> <td style="text-align: center;">1. Linear algorithm</td> <td style="text-align: center;"></td> </tr> <tr> <td style="text-align: center;">2. The algorithm with a branching or branching algorithm</td> <td style="text-align: center;"></td> </tr> <tr> <td style="text-align: center;">3. An algorithm with repetition or cycle</td> <td style="text-align: center;"></td> </tr> </table> <p style="text-align: center;">Task2. Create algorithm for sandwiches</p> <table style="width: 100%;"> <tr> <td style="text-align: center;"></td> <td style="text-align: center;">Cut a slice of bread</td> <td style="text-align: center;">Put the cheese on the bread</td> </tr> <tr> <td></td> <td style="text-align: center;">Spread butter on bread</td> <td style="text-align: center;">Cut a slice of cheese</td> </tr> </table>	1. Linear algorithm		2. The algorithm with a branching or branching algorithm		3. An algorithm with repetition or cycle			Cut a slice of bread	Put the cheese on the bread		Spread butter on bread	Cut a slice of cheese	<p>https://bilimland.kz/en/content/structure/1941-computer_science#lesson=16083</p> <p>Activity worksheets</p>
1. Linear algorithm														
2. The algorithm with a branching or branching algorithm														
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	Cut a slice of bread	Put the cheese on the bread												
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Descriptor:
 1. Алгоритм түрлерін суретпен сәйкестендіреді.
 Match the types of algorithms with pictures.
 2. Алгоритм қадамдарын ретімен орналастырады.
 Do the steps of algorithm in order.

**Middle
25 mins**

Activity 1. Project time
 Teacher guides students to the project and pictures; tells students to create an algorithm and show it by their own drawings, refers to their sentences. Students introduce their projects to the class.

Ex:
Activity 2. Tasks on the computer



Activity 3. Test



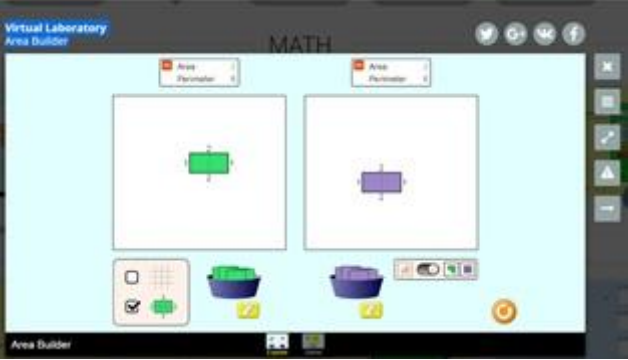
Descriptor:
 1. Алгоритмді графикалық түрде кескіндейді.
 Present the algorithm in graphic form.
 2. а) Әл Хорезмидің алгоритм туралы жазған жазбасының жылын біледі.
 Know the year of written work by Muhammad ibn Musa al-Khwarizmi.
 б) жалған және ақиқат ақпаратты таниды.
 identify true and false information.
 с) берілген анықтамаға сәйкес жауабын анықтайды.
 identify answers of the task.

https://bilimland.kz/en/content/structure/1941-computer_science#lesson=16080

Poster “My algorithm”

Activity computer
https://bilimland.kz/en/content/structure/1941-computer_science#lesson=16080

https://bilimland.kz/en/content/structure/1941-computer_science#lesson=16081

	3. Алгоритмнің жазылу формаларын ажыратады. Differentiate forms of the algorithm.	
End 10 mins	Reflection Virtual Laboratory Area Builder 	https://bilimland.kz/en#lesson=20086
	Оқушылардан виртуалды зертхананы орындау және алгоритм математика пәнінде қалай қолданатыны сұралады.	

Additional information		
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 check ICT links
<ul style="list-style-type: none"> • More support will be given to weaker learners by giving them a modified worksheets in some tasks with greater support 	<ul style="list-style-type: none"> • through questioning and the redirecting of questioning • Through formative assessment • Through observation of the stage of revision 	<ul style="list-style-type: none"> • Health promoting techniques • Breaks and physical activities are used. • Points from Safety rules used at the lesson. • Use a computer for 15 minutes
Reflection Were the lesson objectives/learning objectives realistic? What did the learners learn today? What was the learning atmosphere like? Did my planned differentiation work well? Did I stick to timings? What changes did I make from my plan and why?		
Summary evaluation 