

## Video script

# Beginning

The initial image is projected during 5 seconds.

# My gold, please!

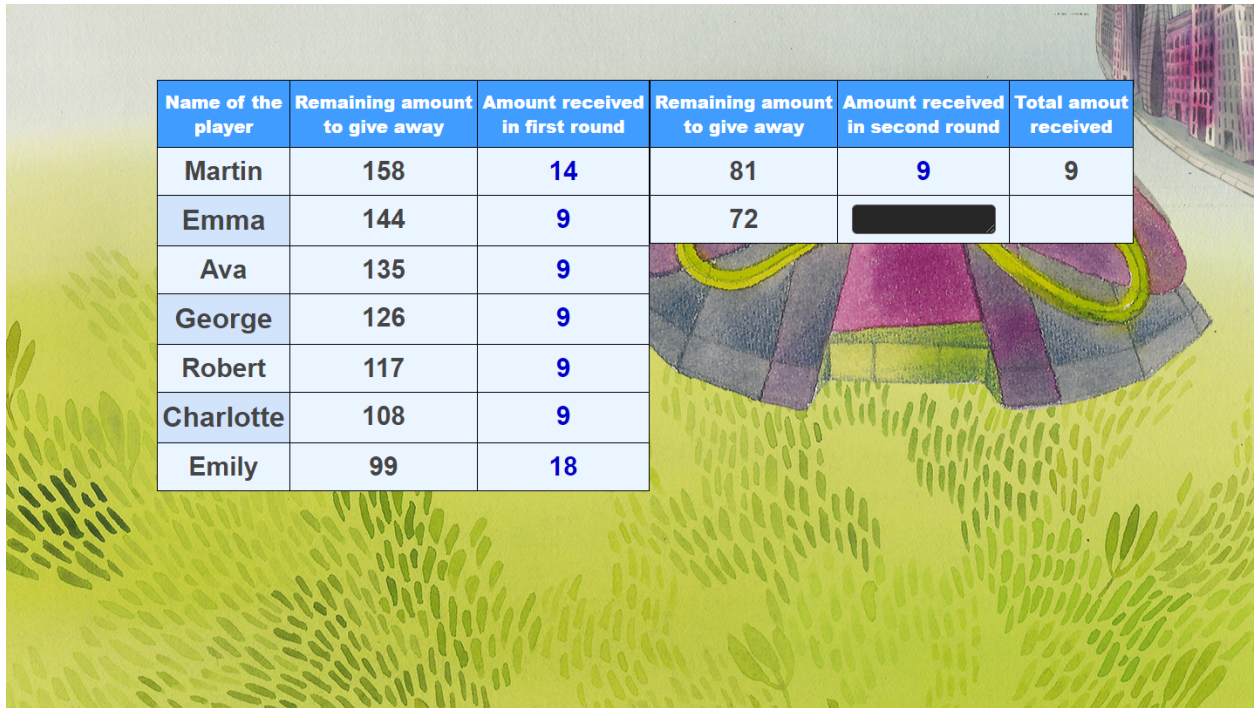
Mathematical subject: Divisibility rule for 9

Age-group: 15-19



### Game 1.

1. A static image of the app:



Name of the player	Remaining amount to give away	Amount received in first round	Remaining amount to give away	Amount received in second round	Total amount received
Martin	158	14	81	9	9
Emma	144	9	72		
Ava	135	9			
George	126	9			
Robert	117	9			
Charlotte	108	9			
Emily	99	18			

Simultaneously, the following **voice-over** is heard:

*“Mathina and Leo would like to help a team of soccer players find out how many gold medals each of them has received.*

*The aim of this app is free experimentation in order to become aware of the divisibility rule for 9.”*

2. A **screen recording** is projected showing someone solving the app. **Voice-over:**

*“Create a table by entering an initial number and then clicking “Accept” and “Generate table”. The rule is that the first person receives as many gold medals, which equal the sum of the digits of the number of golds received by the team in total. If the team has won 123 golds, then the first team member gets  $1 + 2 + 3$ , i.e. 6 golds. There remains 123 minus 6, or 117 golds. The next one gets the sum of the digits of the gold medals left this way. And so on.”*

3. **Screen recording. Voice-over:**

*“This app, in a playful and interactive way, makes aware of the divisibility rule for 9.”*

END

A list of all credits presented in a black background: 1) Mathina Project with the UE logo, 2) list of the partners with the corresponding logos, 3) the educator’s repository address.