



# Where is Darwin's book?



## Scenario Description and Roadmap



### Context of the story

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Students have been studying biology and their teacher has brought them one of the two rare reproductions of the book "The origins of species" written by Charles Darwin and published in 1859. The problem is that the next day, when they go back to the classroom the book has gone. You suspect that a fan of Alfred Russel Wallace might have taken the book. Both Wallace and Darwin are believed to be co-discoverers of the idea of natural selection.

"A very reliable source secretly reveals you where you will find the book. Can you help humanity regain their lost treasure? All the world are anxiously waiting for you to bring back the book that helped many scientists make many new discoveries. Will you make it?"



## Global explanation

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After students are given the context and instructions, they enter the room where they are secretly revealed that the book is kept. Students watch a video on a projector about the life of Charles Darwin. On the chair in front of the entrance, there is a worksheet that students have to answer according to the video they will watch. For each of the six questions, students have to choose the right answer. In the end, all the right answers will make up a word, which is the clue for the following puzzle.

Students realize that they have to move close to the map of the “Beagle” ship and scan the QR codes on the map in the right order. Each QR code leads them to a question. The right answers make up the word ‘finch’. On the desk, they find a photo with finches from the Galapagos Islands. On the back of the photo there is a question and students are looking for the answer. When they turn the torch on, they realize that the word ‘3vOlut10n’ is written on the card. The word ‘3vOlut10n’ is the password that will enable them to unlock the computer screen on the desk right next to the torch and the card.

On entering the password, they are taken to an online matching activity. When they finish it correctly, they will have access to a code that will unlock the box with the book.

Since students have to scan QR codes, it is necessary that the cell phone has internet connection.





## Roadmap

The **diagram** of the detailed steps is available as an **annexed file** ("diagram.pdf"). Following the steps on the diagram while reading may help you understand and **visualize** how the game will unfold.

### Phase A – Who was Charles Darwin?

Students are inside the room where the book is kept. They should pay attention to all the items in the room and conclude that they should start with the video first. To help them do so, place the projector as close to the entrance as possible and a card with the multiple-choice activity on a chair next to the door.

#### Step A.1 – Students watch a video

Students watch a video about Charles Darwin. They have to choose the right answer for each one of the questions.

1. How old was Charles Darwin when he set off on a round-the-world voyage?	B. 22 Y. 28
2. Did Darwin visit North America during his journey?	D. Yes E. No
3. How long did his journey last?	A. 5 years R. 9 years
4. When did Darwin come back to England?	G. 1836 S. 1886
5. Where did Darwin live for the rest of his life?	L. In Plymouth T. In Kent
6. Which famous book did Darwin publish in 1859?	E. The origin of species H. The descendant of

You can play the video or part of it whenever you like



## Step A.2 – Students come up with the word “Beagle”

When students have answered all the questions, they notice that their correct answers make up the word “Beagle”, which was the ship Darwin boarded for his explorations.

## Step A.3 – Students find the code to unlock a box

Students see an alphabet cipher on the wall and turn the name of the ship into a code that they use to unlock the box (7-2-8-7). Inside the box, they find a cell phone that they can use right afterwards and a UV torch that they will need in the third phase. When they go close to the map of the voyage of the ship , they try to figure out how to proceed.

A	B	C	D	E	F	G	H	I
2	-	4	5	7	7	8	8	3
J	K	L	M	N	O	P	Q	R
1	1	-	6	2	7	2	6	3
S	T	U	V	W	X	Y	Z	
-	4	0	0	-	5	8	4	

## Phase B – The “Beagle”

### Step B.1 – Students watch “Beagle”

Students watch the map of the voyage of the ship carefully. They see that there are 5 QR codes in several parts of the picture. They conclude that they have to follow the order of the QR codes.

### Step B.2 – Students scan the codes and answer the questions

Each QR code leads them to a question. In order to scan the codes students will need the cell found they found in the box during the previous step.



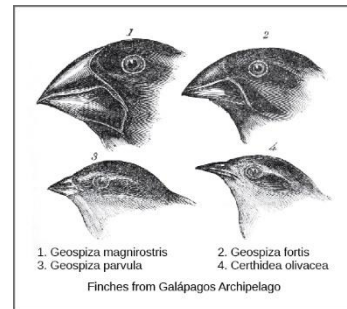
### Step B.3 – Students find the clue

The answers to all the questions will give them the clue for the next step. The right answers make up the word 'finch'.

## Phase C – The secret word

### Step C.1 – Students search on the desk

Students look for clues on the desk, where there is a card with finches and a computer. On the back of the card there is the question “Which idea did English naturalist Darwin develop?”



### Step C.2 – Students reveal the secret word

Students use the UV torch (found in the box in Step A.3) and reveal the answer to the question. The answer is in invisible ink, so they can only read it with the use of the UV torch.

### Step C.3 – Students enter the code

Students realize that they have to use the secret word '3vOlut10n' as their lock screen password.



## Phase D – Students find the book

### Step D.1 – Students enter the password

Students enter the password on the computer.

### Step D.2 – Students complete the online activity

Students have to complete an online matching activity. They have to match 5 pictures with what they represent.

### Step D.3 – Students unlock the box

When students finish the online activity, they receive the following message:

I've tried this matching activity 1859 times, but I seem to do it all wrong.

The message reveals the code students will have to use to unlock the box and gain access to the book.



## Erasmus+

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