



# Where is Darwin's book?



## Scenario Conception and room setup



### Items' index

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#### Phase A

1. Video production system – remote control
2. A card with multiple-choice questions
3. A box
4. A 4-digit padlock
5. A cell phone
6. A UV torch

#### Phase B:

1. A map with the voyage of the “Beagle”
2. A cell phone.

Make sure there is internet connection and the cell phone has internet access.

**Phase C:**

1. A photo of finches on the desk

Don't forget to write the question on the reverse side of the photo with regular ink and the answer to the question with a pen with invisible ink.

**Phase D:**

1. A computer on the desk

Make sure the computer is connected to the internet and that the online activity appears on the screen as soon as the computer screen is unlocked.

2. A box
3. A 4-digit padlock
4. 'The Origin of species' (book) in the box



## Detailed conception

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See the complete diagram attached for the correspondence with the "I11" objects

### I1 – Video projection system + video

#### Material requirement

- video projection system
- Video

#### Explanation

Students watch a video with the title “Who was Charles Dickens?”

The video is accessible at <https://www.youtube.com/watch?v=-NffSLICawE>. The video lasts almost 4 minutes. It is subtitled, so students with difficulties will find it easier to follow. Also, students have the freedom to access the video or part of it whenever they think it will help them during this stage or later. Make sure that you put the remote control in an easy-to-find position and students realize that they have control of the video. Also, it is a good idea to download the video so that internet connection issues do not affect playing the video.



## **I2 – Card with questions**

### **Material requirement**

- Printed/photocopied card – Annexe 1

### **Explanation**

It is a good idea to place the card close to the entrance, so that students guess that they have to start with it. The card includes 6 multiple-choice questions and the right answers form the word “Beagle”, i.e. the name of the ship Darwin boarded for his explorations.

## **I3 – An Alphabet cipher**

### **Material requirement**

- An alphabet cipher – Annexe 2

### **Explanation**

Students use the alphabet cipher to turn the name of the ship Darwin boarded for his explorations into a 4-digit code that opens the padlock to unlock the box.

## **I4 – A box and a 4-digit lock**

### **Material requirement**

- A box
- A 4-digit lock

### **Explanation**

Use a locked box to hide a cell phone and a UV torch. The code that opens the box is 7287. These are the numbers that students find when they use the alphabet cipher to turn the word ‘Beagle’ into numbers.



**I5 – A cell phone****Material requirement**

- A cell phone

**Explanation**

Inside the box, there is a cell phone that students will use to scan the QR codes.

**I6 – A UV torch****Material requirement**

- A UV torch

**Explanation**

Inside the box, there is a UV torch that students will use later to read a secret message.



## I7 – Map: Voyage of the Beagle with QR codes

### Material requirement

- Printed/photocopied map with five numbered QR codes – Annexe 3

### Explanation

Use sticky tape or sticky tag to fix the map on the wall. It would be a good idea to enlarge it, if possible.

The QR codes are numbered so that students know which order to follow. The QR codes lead students to the following questions:

1. When did the "Beagle" set off its journey?  
R. in 1821                      **F. in 1831**
2. Where did Darwin make most of his observations?  
E. In the Falkland Islands                      **I. In the Galapagos Islands**
3. Darwin believed that humans and animals share same ancestors.  
M. No                      **N. Yes**
4. When did Darwin die?  
**C. in 1882**    K. in 1892
5. What do we call the era between approximately 1820 and 1914?  
K. Edwardian                      **H. Victorian**

The right answers form the word 'FINCH'

**I8 – Desk****Material requirement**

- A desk

**Explanations**

Place a desk on the room. Look below for what to put on the desk.

**I9 – Picture of finches****Material requirement**

- A picture of finches – Annexe 4

**Explanations**

Place the image with four different finches from the Galapagos archipelago on the desk. On the reverse side of the picture, there should appear the following question:

“Which idea did English naturalist Darwin develop?”

Students have to use the UV torch (see I6) to get the answer visible. It means that you would have used a pen with invisible ink to write the word ‘3vOlut10n’ on the paper. The answer is the word that unlocks the computer.

**I10 - A computer****Material requirement**

- A computer

**Explanations**

Place a computer on the desk. Adjust the settings so that students have to enter the word ‘3vOlut10n’ to unlock the computer.



## I11 – An online activity

### Material requirement

A computer with internet connection – this will enable students to access the activity.

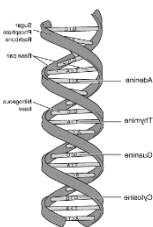
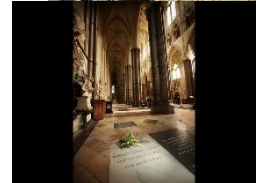
### Explanations

Use the link below to access the activity. Lock the screen so that students can access the activity right after entering the password. The link to the activity is the following:

<https://learningapps.org/watch?v=pp1wsxcma22>

The activity is a matching activity – students match pictures with their explanations.

1. Charles Darwin met his first giant tortoise on Chatham Island, part of the Galápagos archipelago.
2. Charles Darwin is buried in the north aisle of the nave of Westminster Abbey, not far from Sir Isaac Newton.



3. Double helix is the description of the structure of a DNA molecule.

4. Who first discovered the structure of DNA?



5. Rosalind Franklin was not recognized by the Nobel Prize Committee because she had died years before the prize was awarded.





When they finish the activity and check their answers, students receive the following message:

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

The numbers 1859 is the code to unlock the box.

### **I12 – The origin of species**

#### **Material requirement**

- The book “The origin of species”

#### **Explanation**

Place the book inside the box. For a better result, you can copy the cover of the original and fit it on the modern publication.

### **I13 – Box + a four digit lock**

#### **Material requirement**

- A box
- A four-digit lock

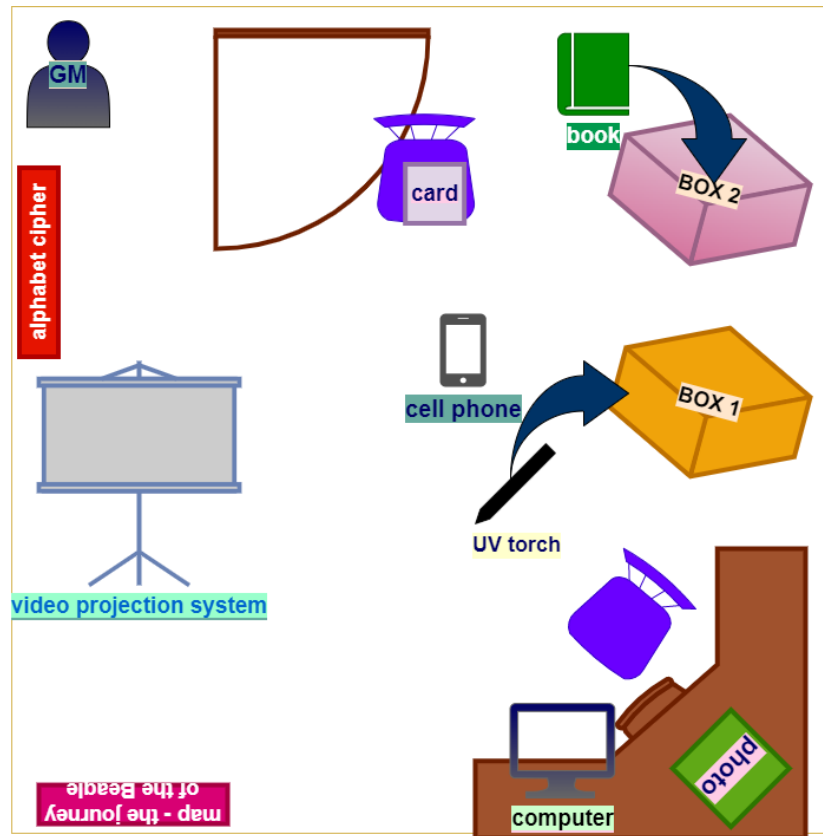
#### **Explanation**

Place the book into the box and use a four-digit lock to lock the book inside. The code to unlock it is 1859.



## Set up the room

The following image will help you visualise how the room to escape from could look like. This image is also in the annexe folder in a higher resolution.



Don't hesitate to add decorative elements and choose some music to improve the immersion of your players.

You can have a look at chapter 3 of our guide "Animation of a pedagogical escape room for language education" (which you will find [on our website](#)) to learn more about how you can make the game more immersive.



### **Set up for Phase A**

1. Prepare the video production system and load the video.
2. Put the card on a chair close to the entrance.
3. Put the remote control in an easy-to-find position.
4. Put a cell phone and a UV torch in a box and use a padlock to lock it.

### **Set up for phase B**

1. Stick the map with the voyage of the “Beagle” on the wall.
2. Make sure there is internet connection and the cell phone has internet access.

### **Set up for phase C**

1. Put the photo of finches on the desk.
2. Don't forget to write the question on the reverse side of the photo with regular ink.
3. Write the answer to the question with a pen with invisible ink.

### **Set up for phase D**

1. Place a computer on the desk.
2. Make sure the computer is connected to the internet.
3. Make sure the online activity appears on the screen as soon as the computer screen is unlocked.
4. Place the book in the box.
5. Lock the box with a four-digit lock.



## Erasmus+

This project has been funded with support from the European Commission. This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

**Project code:** 2020-1-FR01-KA201-080646



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