# **Extension Research Projects**

### Virtual Tour Projects

Hidden World of National Parks  https://artsandculture.withgoogle.com/en- us/national-parks-service/parks	Hall of Planet Earth  https://www.amnh.org/exhibitions/permanent/ planet—earth/educator—resources/virtual— field—trip	Great Wall of China  https://www.thechinaguide.com/destination/gre at-wall-of-china
Butterfly Conservatory  https://www.amnh.org/exhibitions/butterflies/ virtual—field—trip	Access Mars https://accessmars.withgoogle.com/	Borneo Rainforest  https://www.nature.org/en-us/about- us/who-we-are/how-we-work/youth- engagement/nature-lab/virtual-field-trips/
Pyramid of Giza  https://www.google.com/maps/about/behind— the—scenes/streetview/treks/pyramids—of— giza/	The Great Barrier Reef  https://www.google.com/maps/about/behind— the—scenes/streetview/treks/oceans/	Exploring Geometry  https://nearpod.com/t/math/8th/exploring— geometry—L36540038
Stages around the world  https://artsandculture.google.com/story//gJisz  MqltReJA	Natures Witness  https://www.nwf.org/virtualwildlifeexhibit	Reading ABC from Space https://earth.google.com/web/@O,O,127.64 467842a,200000000d,35y,0h,0t,0r/dat a=CjcSNRlgMjJIZmU3MGNmOTlyMTFINm Fi0GNmM2VjYmM2MmJmZjAiEW5hc2F fc3BsYXNoc2NyZWVu

# **Activity I: Virtual Excursion Observation Diary**

Where did you visit?	What did you notice	3 things you discovered	2 interesting facts or details	l question you still have?	What did you wonder?



What did you think about or learn from this virtual field trip?					

# Activity 2: Digital Escape Room

Create a digital escape room. This activity is designed to use mathematical numbercombinations using words or ideas from the virtual tour. Below is an example of what it may look like.

#### Camouflage Caper

A great addition to an animal adaptations unit for grades 1+.

Microsoft Version





#### 4 Directional Lock: SSWN

Follow the directions on the map beginning at the star and visiting each animal to reveal the directional lock.

#### 4 Color Lock: GBW0

The secret message is the color lock combination.

#### 8 Letter Word Lock: DISGUISE

Letters are hidden (bold and capitalized) inside the text at the top of the page.

#### 2 Digit Number Lock: 13

The jigsaw puzzle picture reveals a word problem to solve the answer is the number 13.

# **Activity 3: Google Slide Presentation**

Create an 'All about a topic' presentation you can share with your class members. You may use google slides, powerpoint or a word document

For assistance in creating this activity follow the link

https://applieddigitalskills.withgoogle.com/c/middle—and—high—school/en/create—a—presentation—all—about—a—topic/create—a—presentation—all—about—a—topic/introduction—to—create—a—presentation—all—about—a—topic.html

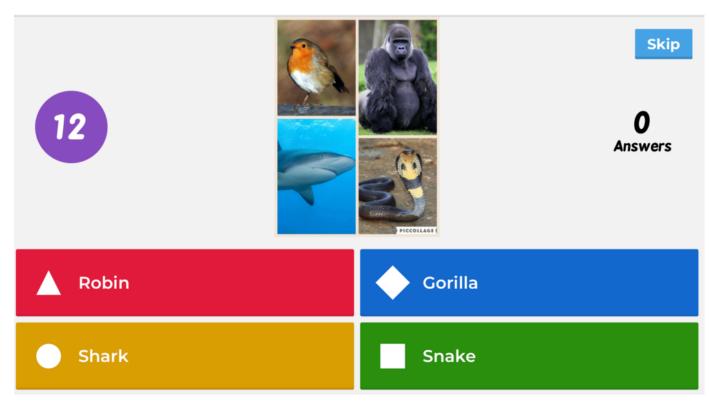


# **Activity 4: Quiz Time**

Create your own Kahoot or quiz with information learnt from your virtual tour.

Which of the animals below is a mammal?





# Activity 5: Design and Make

Design and make your own replica or model of the virtual tour. You may like to use things from nature, playdough, show boxes, paper, string or anything else you may have lying around the house.

