



COUNCIL FOR
**Economic
Education**

Teaching Opportunity®

Teaching With Escape Rooms

February 24th, 2020

Andrew Menfi

Andrew Menfi Bio

Binghamton University
-Bachelors of Arts in Social Studies

Columbia: Teacher College
-Master's of Arts in
Secondary Social Studies Education



New Visions Charter High School for Advanced Math & Science
in the Bronx, New York

Subjects Taught: Economics, Government, Legal Studies, Global Studies, Independent Research, and Advanced Placement U.S. History

Independent Senior Project Project Team Leader

How To Craft Lessons In The Style Of Escape Rooms



Are Escape Rooms Worth It?

Positives

- +Unique
- +High Engagement
- +Malleable

Negatives

- Time Investment
[Creation & Set Up]
- Materials Cost

What Is An Escape Room?



~~Escape The Room~~ Open The Box



Materials

- \$75 Per Complete Set
- 5 Students Per Set
- \$15 Per Student



Materials

- 1 Medium Metal Lockbox
- 2 Small Wooden Chests
- 1 Small Metal Lockbox
- 1 Lockout Hasp
- 6 Cable Locks
- 1 Pack of Keytags



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Materials [Amazon Product Links]

- https://www.amazon.com/gp/product/B0143BZHWW/ref=ox_sc_act_title_12?smid=ATVPDKIKX0DER&psc=1
- https://www.amazon.com/gp/product/B07VKQHMPQ/ref=ox_sc_act_image_2?smid=A1ZEMTT4HTM149&psc=1
- https://www.amazon.com/gp/product/B06XJFGH1V/ref=ox_sc_act_image_9?smid=A3W29EOTY1HN8R&psc=1
- https://www.amazon.com/dp/B003ZHUU8M/ref=dp_cerb_3?th=1
- https://www.amazon.com/Approved-Cable-Luggage-Re-settable-Combination/dp/B01N1XO2P0/ref=sr_1_1_sspa?keywords=luggage%2Block%2Bletters&qid=1570560287&sr=8-1-spons&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEzVUtOMjJNVUg0SEdOJmVuY3J5cHRIZElkPUEwNTI1MzcyM0IxN1pHVkEyRIIGMyZlbnNyeXB0ZWRBZEIkPUEwNDU2NTI5MTRINEhSR00xQ05YMSZ3aWRnZXROYW1lPjNwX2F0ZiZhY3Rpb249Y2xpY2tSZWRpcmVjdCZkb05vdExvZ0NsaWNrPXRydWU&th=1
- https://www.amazon.com/gp/product/B07C7VQ4PG/ref=ox_sc_act_image_1?smid=AJTYHPOY359XM&psc=1

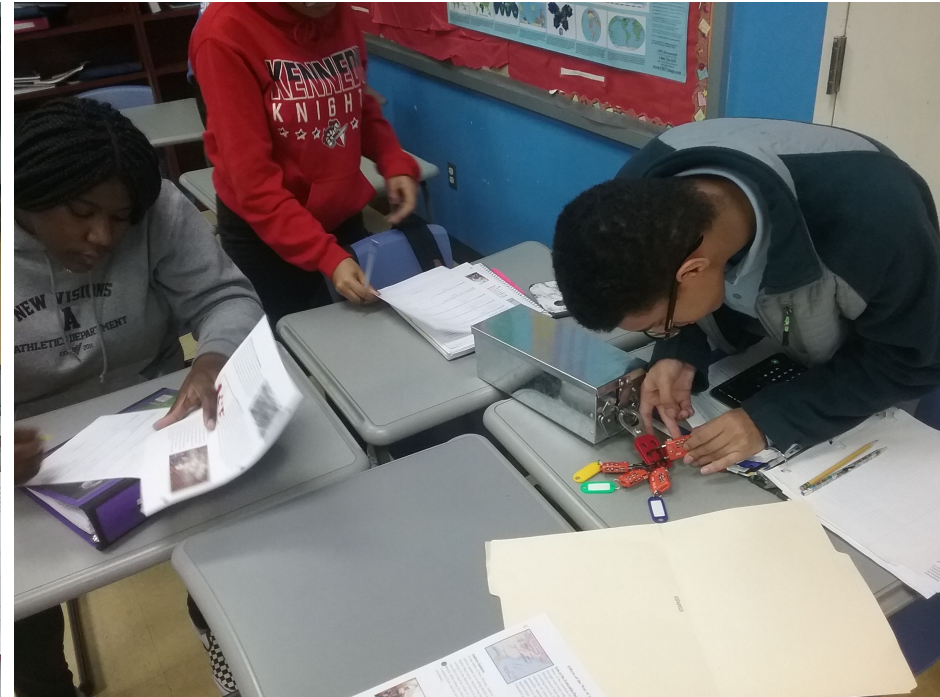
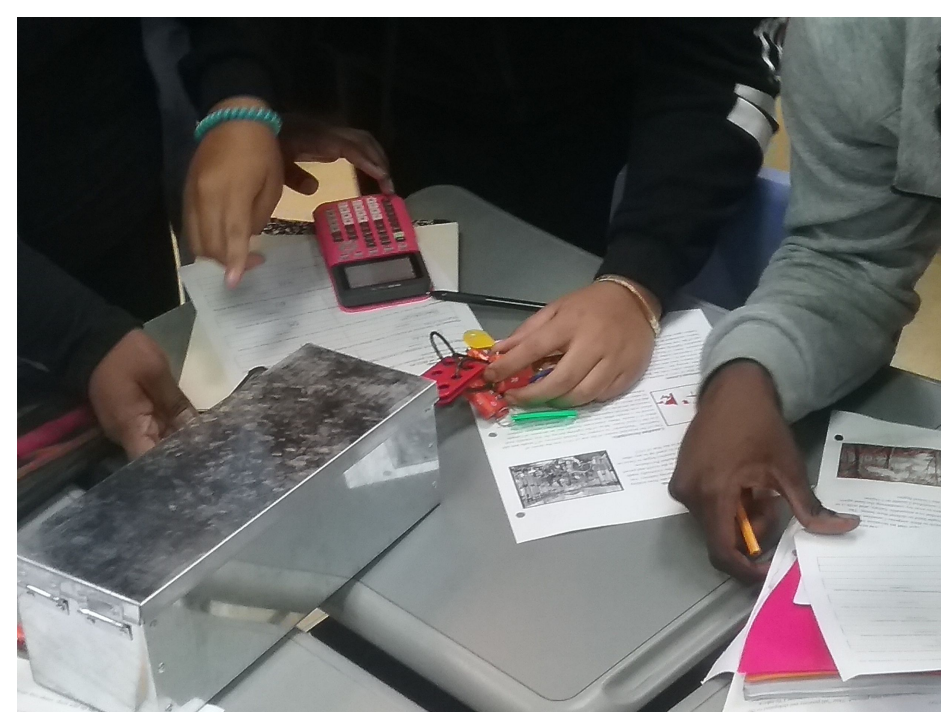
Materials [Amazon Product Names]

- Stalwart 75-005 Metal Storage Lock Box, 12"
- Jssmst Locking Small Steel Cash Box Without Money Tray, Lock Box, Black Small
- Pack of 6 Ready to Decorate Wood Treasure Chest Box Savings Bank with Coin Slot, Hinged Lid and Lockable Front Clasp, DIY Craft
- Brady Steel Lockout Hasp With Tab, 1" Inside Jaw Diameter
- TSA Approved Cable Luggage Locks, Re-settable Combination with Alloy Body [Multi Colored, Orange & Purple]
- Uniclife 20 Pack Plastic Key Tags with Split Rings Label Window Assorted Colors

- **Balance Fun & Rigor**



● Part I: Open Four Locks On The Metal Box



● Part I: Open Four Locks On The Box

Pink Lock:

Causes of the War of 1812

Find the answers to the questions on this sheet, then add up the numbers next to every answer to get the lock combination.

Question #1: One of the causes of the war of 1812 was a desire of some American Congressmen to try and gain this territory from Great Britain.

Answer	Number



● Part I: Open Four Locks On The Box

Pink Lock:

Causes of the War of 1812

Find the answers to the questions on this sheet, then add up the numbers next to every answer to get the lock combination.

Question #1: One of the causes of the war of 1812 was a desire of some American Congressmen to try and gain this territory from Great Britain.

Answer	Number
Canada	



● Part I: Open Four Locks On The Box

Star Spangled Banner: 66

Washington DC: 235

New Orleans: 140

Impressment: 8

Blockade: 40

Canada: 59

Native Americans: 67



● Part I: Open Four Locks On The Box

Pink Lock:

Causes of the War of 1812

Find the answers to the questions on this sheet, then add up the numbers next to every answer to get the lock combination.

Question #1: One of the causes of the war of 1812 was a desire of some American Congressmen to try and gain this territory from Great Britain.

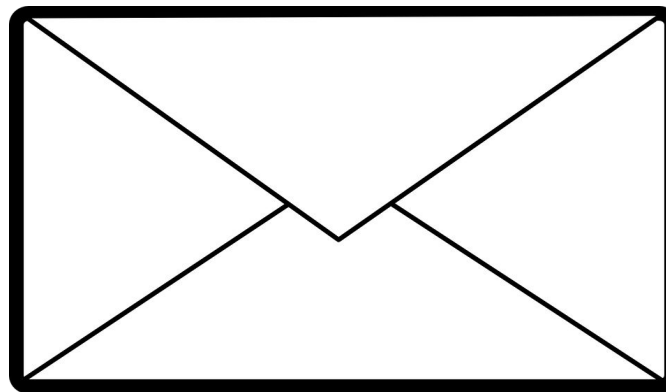
Answer	Number
Canada	59

- Part I: Open Four Locks On The Box
 - Answer #1 = 59
 - Answer #2 = 8
 - Answer #3 = 67
 - Answer #4 = 40

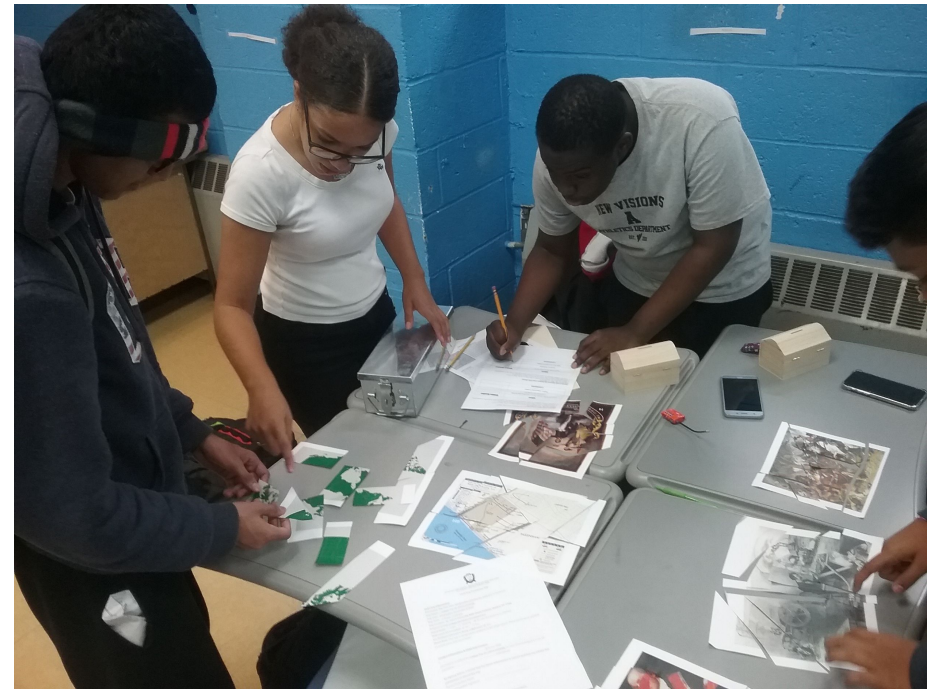
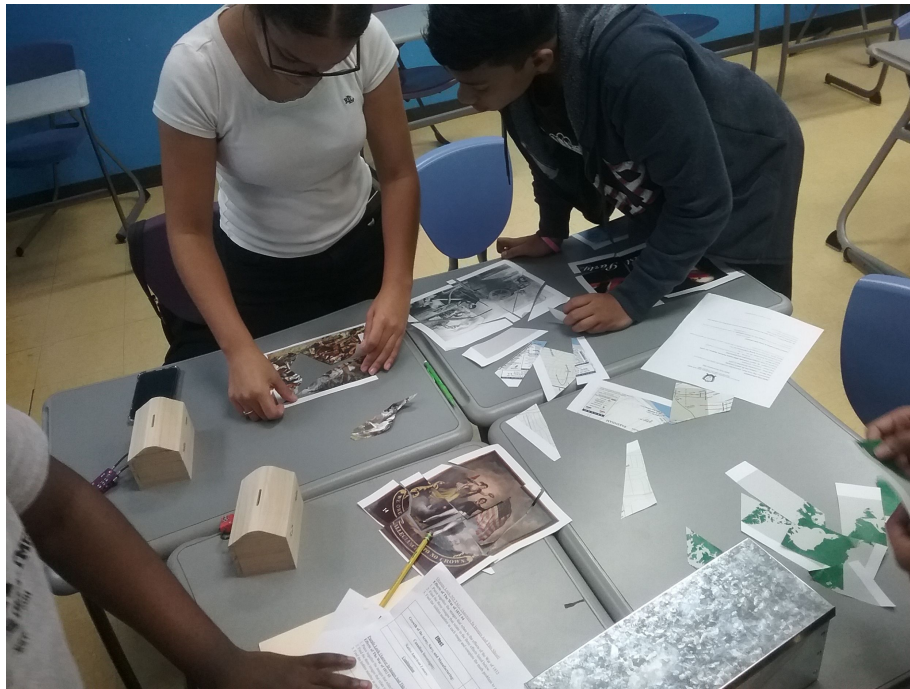
 - Total = Lock Combo = 174



- **Part 2: Open Two Small Wooden Boxes**



- Part 2: Open Two Small Wooden Boxes



● Part 2: Open Two Small Wooden Boxes

Orange Lock: [Answers In Images And This Sheet]

Effects of The War of 1812 #4

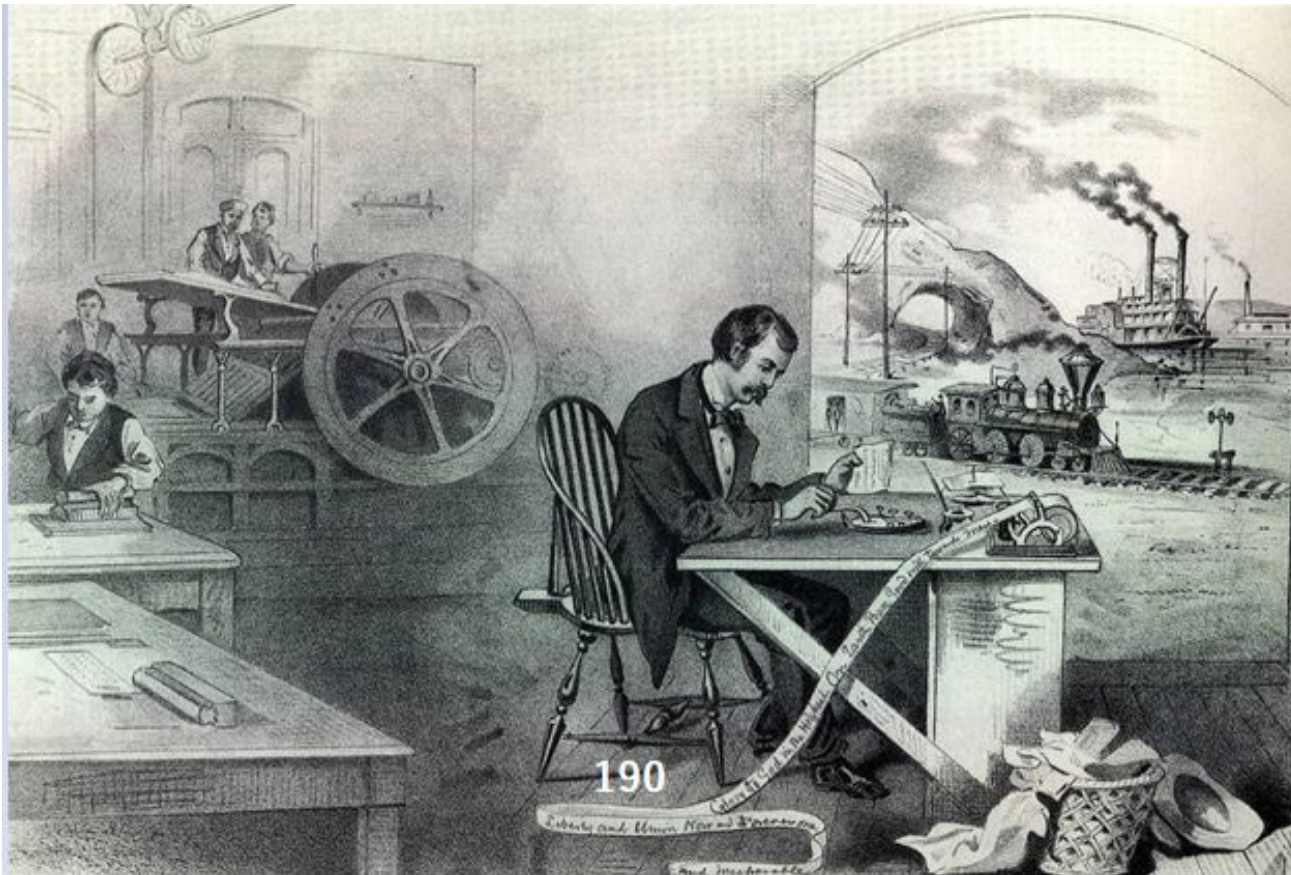
1. Piece together the images that relate to the effects of the War of 1812
2. Find the three images that relate to the three effects listed below
3. Find the hidden number in each image and complete the math problem to get the combination

Effect	Hidden Number
Growth of the Army, Navy, and Manufacturing:	
Canadian Sovereignty:	
Native American Losses:	
<u>Combination</u>	

- Part 2: Open Two Small Wooden Boxes



● Part 2: Open Two Small Wooden Boxes



● Part 2: Open Two Small Wooden Boxes

Orange Lock: [Answers In Images And This Sheet]

Effects of The War of 1812 #4

1. Piece together the images that relate to the effects of the War of 1812
2. Find the three images that relate to the three effects listed below
3. Find the hidden number in each image and complete the math problem to get the combination

Effect	Hidden Number
Growth of the Army, Navy, and Manufacturing:	190
Canadian Sovereignty:	80
Native American Losses:	11
<u>Combination</u>	281

QUESTIONS?



Implementing The Escape Rooms

● Part 3: Find The Key

Part One of Two to
Find The Key

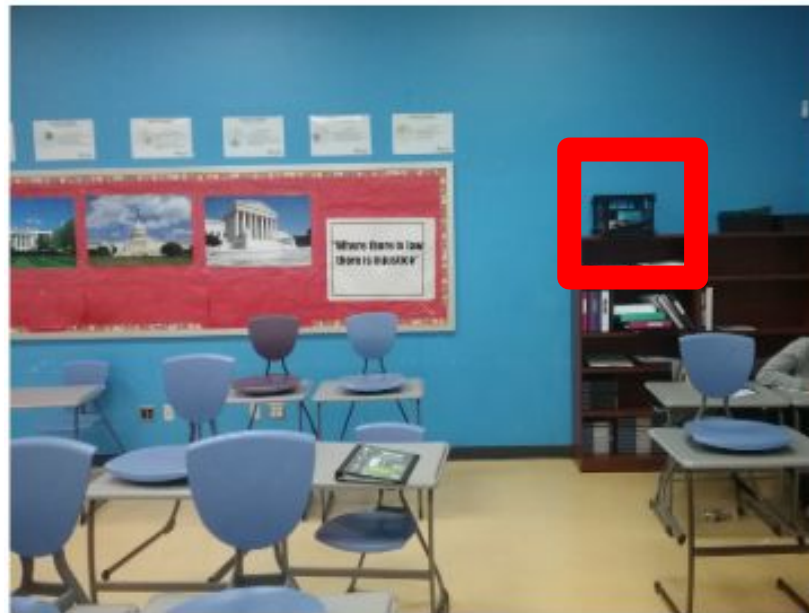


Part Two of Two to
Find The Key



- **Part 3: Find The Key**

**Part One of Two to
Find The Key**



Implementing The Escape Rooms

● Part 3: Find The Key



● Part 3: Find The Key [Alternate]

**Part One of Two
to Find the Key**



A	B	C	D	E	F	G	H	I	J	K	L	M
↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕
65	66	67	68	69	70	71	72	73	74	75	76	77
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕
78	79	80	81	82	83	84	85	86	87	88	89	90

**Part Two of Two
to Find the Key B**



76	79	79	75

73	78

66	79	79	75	83

● Part 3: Find The Key [Alternate]

**Part One of Two
to Find the Key**



A	B	C	D	E	F	G	H	I	J	K	L	M
↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕
65	66	67	68	69	70	71	72	73	74	75	76	77
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕
78	79	80	81	82	83	84	85	86	87	88	89	90

**Part Two of Two
to Find the Key B**



L	O	O	K
76	79	79	75

I	N
73	78

B	O	O	K	S
66	79	79	75	83

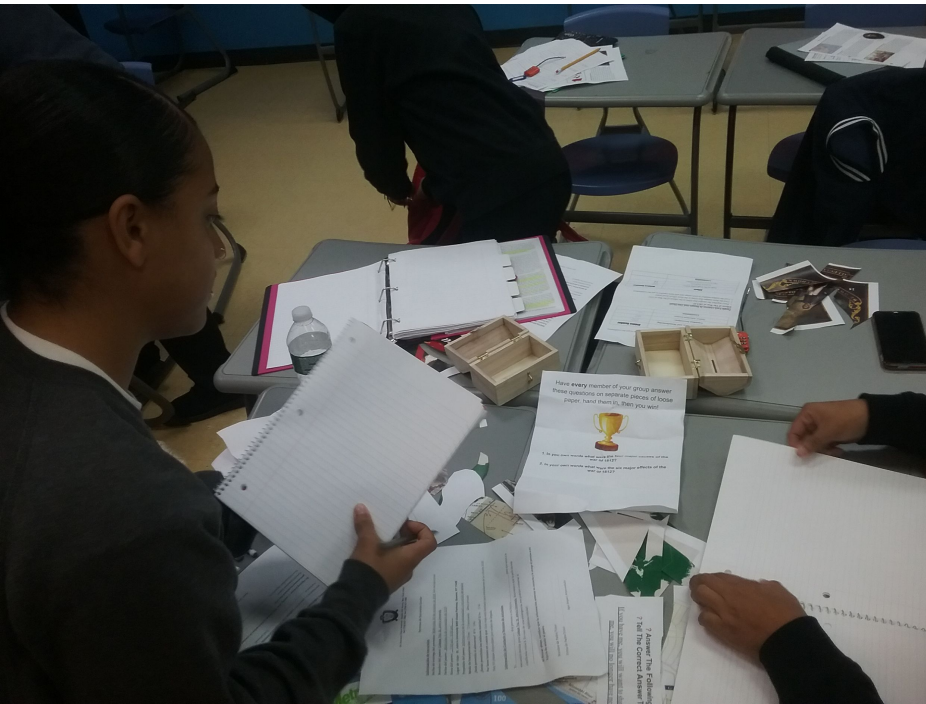
● Part 4: Closing Questions

Have **every** member of your group answer these questions on separate pieces of loose paper, hand them in, then you win!



1. In your own words what were the four major causes of the war of 1812?
2. In your own words what were the six major effects of the war of 1812?

- Part 4: Closing Questions



- **Extension: One Last Riddle [Optional]**

? Answer The Following Riddle ?
? Tell The Correct Answer To Mr. Menfi ?

What is at the beginning of eternity and the end of time
and space?



QUESTIONS?



Contact & Questions?



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