



6.NS.B.4

Escape from Mars LCM and GCF

Digital Escape Room



Standard

6.NS.B.4

6th Grade Math Skills

Find the GCF of two numbers within 100, and the LCM of two numbers less than 12. Solve GCF & LCM word problems & more!

Fast Facts

 No prep, click & go! *Two pages suggested to print.

 Escape Time ~45 minutes

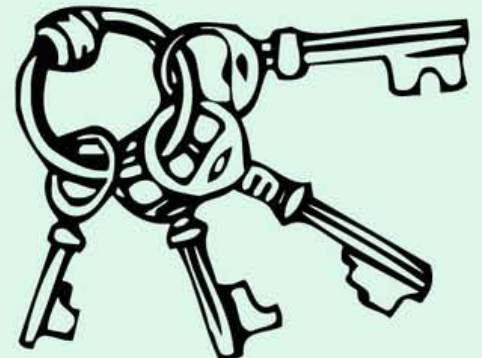
 Complete individually or in small groups

 Requires internet connected device

 Self-Checking

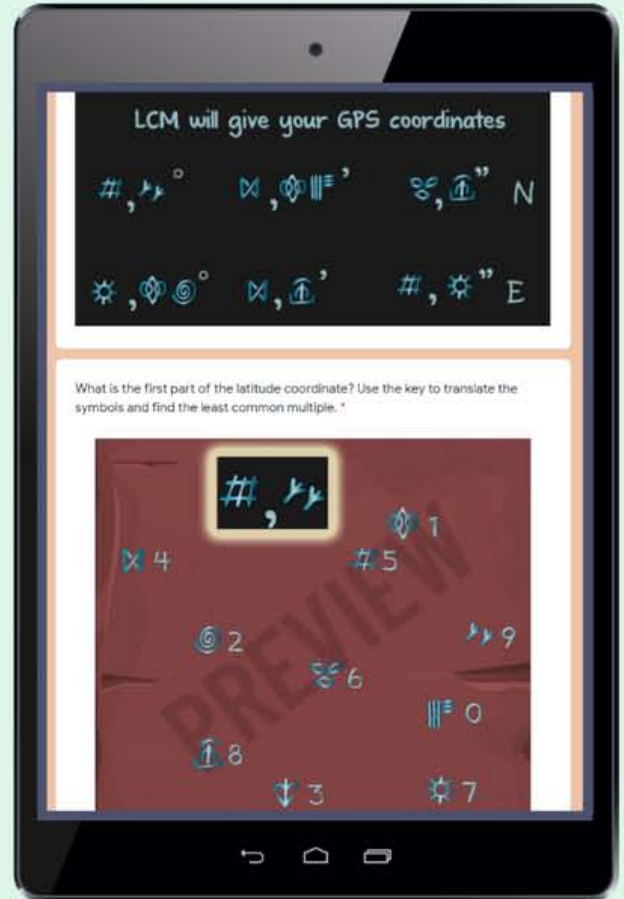
 Virtual or in-person

 Five+ Engaging Puzzles



How it Works:

- The escape room is automated by a Google Form™ (Google™ accounts are not required).
- Use the quick start link to click & go, or create a copy of the form to save to your drive (the teacher must have a Google Account to save a copy).
- Students only progress through the puzzles when correct answers are entered.
- The form provides hints if students enter incorrect answers.



Puzzle Preview

$6(_ + 8) = 30 + 48$
 $_(7 + 8) = 28 + 32$
 $18(2 + _) = 36$



EMERGENCY
ESCAPE
PLAN

1 2 3 4 5 6

June 8, 2013

Dear Colonist,

My name is Marcy Jackson. I was the first colonist on Mars. If you are reading this, then you must need to leave the planet. There is an escape rocket hidden in a valley. Here is how to find it:

1. Go to the vending machine and use the token to purchase item number:
Digit 1: GCF of 18 and 63
Digits 2 and 3: GCF of 84 and 28
Digit 4: GCF of 12 and 42
2. Open my locker. The combination is found in entry number **LCM of 9 and 6**
3. Take the Rover to find the rocket
4. Launch the rocket.

[ENTRY 18] January 13, 2031

Food is rationed carefully here on Mars. Today was my lucky day because I got to have both of my favorite foods, re-hydrated ice cream and potato chips, on the same day. We only get re-hydrated ice cream every 12 days, and potato chips every 9 days. The next time I get to eat both of these foods on the same day again will be in _____

One of my jobs is to gather food from our animal-less farms. Yesterday I gathered the greatest number of identical meal kits possible. Yesterday I gathered 12 chicken-less eggs and 24 meatless burger patties. I assembled _____ number of identical meal kits that I could make. I made _____

Days on Mars are about the same length as days on Earth, but I still have a hard time falling asleep because of all of the beeping. A space station oxygen monitor beeps every 10 minutes. A heart rate monitor beeps every 12 minutes. I wait until both beeps happen at the same time to go to bed. I'm almost always still awake the next time they beep at the same again _____ minutes later.



Puzzle Preview



You May Also Like

The Great CLASSROOM ESCAPE

OPERATION SAVE THE ROCKET LAUNCH

Evaluating Expressions Word Problems

PIN Digit 4
How much space is left?

The expression $c^3 - 8d$ gives the number of cubic feet of storage space that remain in a cube-shaped container that the rocket is taking to the space station. How much space is left in the container if $c = 3$ and $d = 24$?

EASY TO IMPLEMENT!

6TH GRADE CONTENT 6.EE.A.2 6.EE.A.2A 6.EE.A.2C

DIGITAL ESCAPE ROOM!

The Great CLASSROOM ESCAPE

SIXTH GRADE MATH

Digital Escape Room Bundle

EASY TO IMPLEMENT!

The Great CLASSROOM ESCAPE

Operation Restore Order

6.EE.A.1

Order of Operations with Exponents

DIGITAL ESCAPE ROOM!

The Great CLASSROOM ESCAPE

NEGATIVE NUMBERS & ABSOLUTE VALUE

6TH GRADE MATH STANDARDS

Easy to implement! Automated with a Google Form™!
Does NOT require Google Classroom™ or e-mail addresses

ESCAPE ANTARCTICA

DIGITAL ESCAPE ROOM!



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