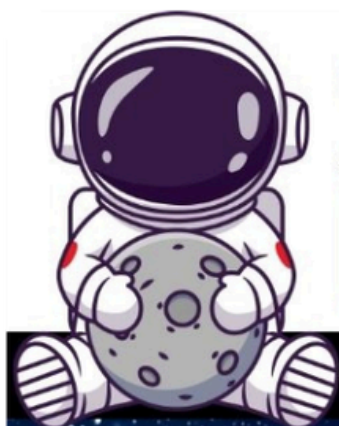
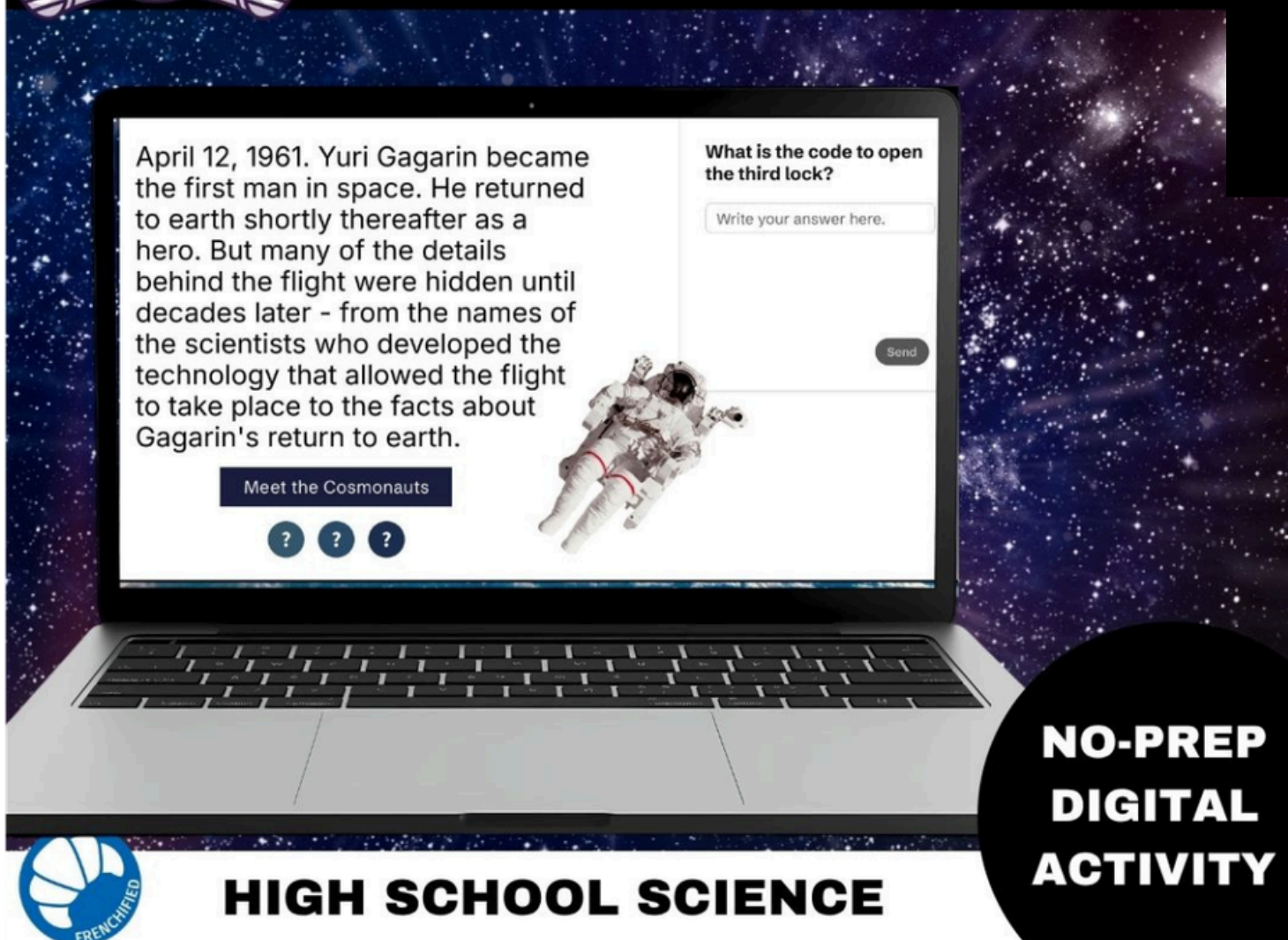




SPACE EXPLORATION

DIGITAL ESCAPE GAME



April 12, 1961. Yuri Gagarin became the first man in space. He returned to earth shortly thereafter as a hero. But many of the details behind the flight were hidden until decades later - from the names of the scientists who developed the technology that allowed the flight to take place to the facts about Gagarin's return to earth.

What is the code to open the third lock?

Write your answer here.

Send

Meet the Cosmonauts

?

?

?

**NO-PREP
DIGITAL
ACTIVITY**



HIGH SCHOOL SCIENCE

SPACE EXPLORATION

DIGITAL ACTIVITY

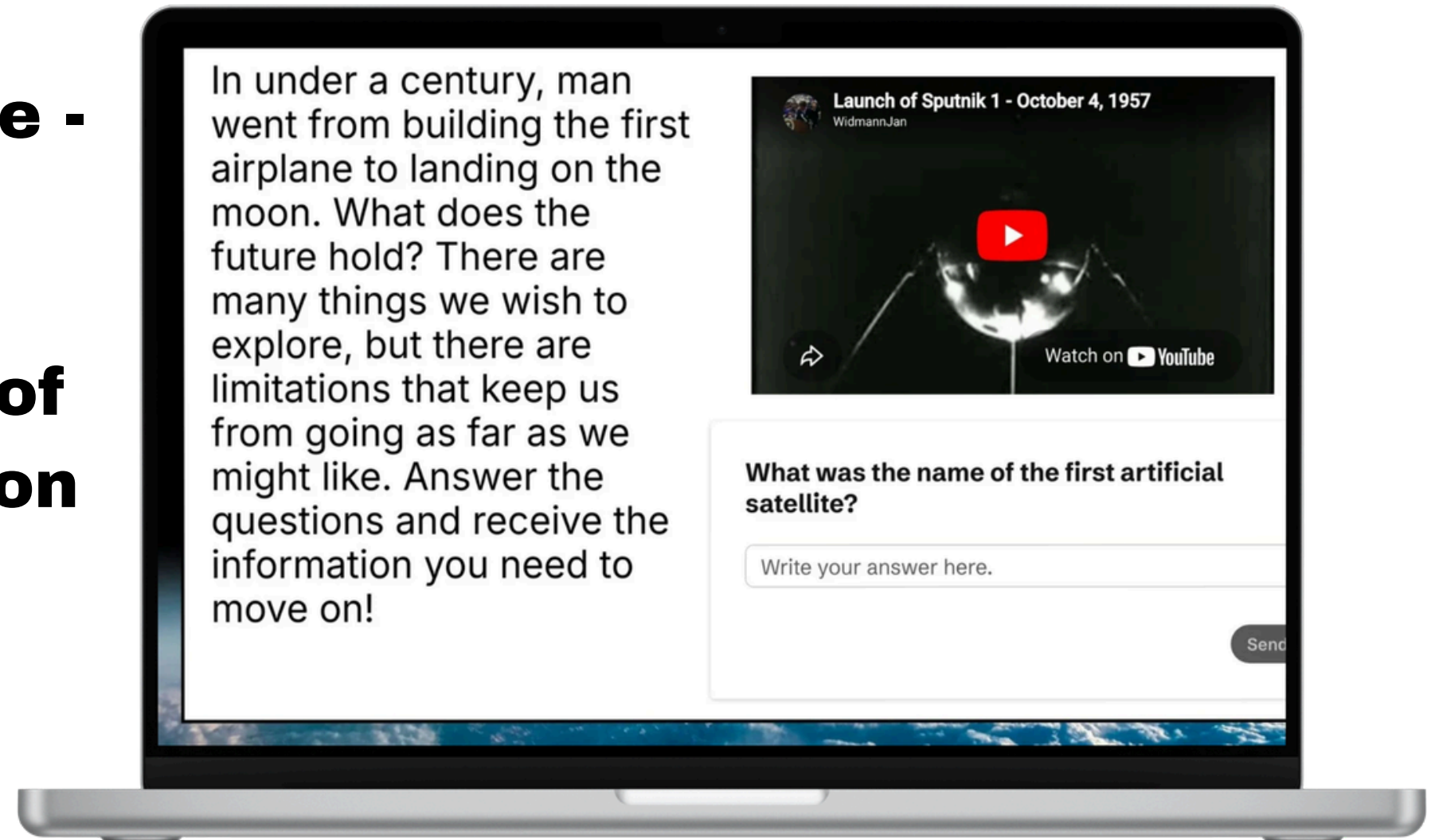
**5 different clues to
unlock the locks**

**Use of primary sources and
critical thinking skills**



What's included?

- **No prep digital game - just share the link (genial.ly)**
- **6 different aspects of the space exploration program**



SPACE EXPLORATION



Self-graded and motivating

Good job! Now do the math to find the code:

The year the Webb telescope launched
+ the year that the solar sail launched
X the year that the Dream Chaser launched
- the year that the Solar Probe Plus entered orbit
+ the year that eLISA launches
- the year human exploration of Mars begins

Get the data!



What is the number to unlock the lock?

Write your answer here

Americans were stunned when the first artificial satellite was launched - by the Russians. While Moscow insisted the satellite was launched to be used for scientific study, many Americans feared that there were other, less friendly uses. The launch kicked off the space race and it wasn't until later that the US launched their first satellite.

Hello, fellow travelers!



What is the code to the second lock?

Write your answer here

April 12, 1961. Yuri Gagarin became the first man in space. He returned to earth shortly thereafter as a hero. But many of the details behind the flight were hidden until decades later - from the names of the scientists who developed the technology that allowed the flight to take place to the facts about Gagarin's return to earth.

Meet the Cosmonauts



What is the code to the third lock?

Write your answer here



The future of exploration

Sputnik

Yuri Gagarin

SPACE EXPLORATION



6 different topics

After the launch of Sputnik, the Americans felt that it was time to ramp up the space race. Although they were behind the Soviets in technology, they were soon to plan an ambitious goal - to land a man on the moon and safely return him home. Once the goal was set, NASA began to work in earnest to make it a reality.

Setting a goal



What is the code to the fourth lock?

Write your answer here



The Space Race begins

The International Space Station (ISS) was launched in 1998 and has been a home to astronauts since 2000. Astronauts come and go, with some astronauts spending almost a year in space aboard the ISS. The ISS moves very fast, making 16 orbits of the earth each day.

Visit the ISS



What is the code to the fifth lock?

Write your answer here

The International Space Station

Throughout man's quest to reach space, there have been disasters and deaths. Sometimes these mishaps are caused by unforeseen issues. But often they are caused by very simple issues that were not taken seriously by those who made the decisions to continue with missions that should have been halted.

Start the countdown



What is the code to the final lock?

Write your answer here

The Challenger Disaster