Software Glitch

The software on the Large Area Telescope failed, and must be reprogrammed.

Your opponent loses a Satellite or Object card. You choose and discard one of those cards from his or her hand, and place it in the Discard Pile.
An instrument did not pass the heat and vibration testing to prepare for launch.

Shake n’ Bake

Your opponent returns any Satellite or Object card from the mat to his or her hand.
Fermi detected a potential gamma ray, but it turned out to be a cosmic ray.

Your opponent loses 2 turns.
Solar activity prevented Fermi from obtaining data.

Take any 2 cards from your opponent’s hand.
Disorientation

Your opponent’s satellite received signals from many different spots, and doesn’t know where to point.

You discard one of your opponent’s Action cards. Place it in the Discard Pile.
A lead scientist was assigned to another project.

Your opponent loses an Experience card. You choose the Experience card, and place it in the Discard Pile.
Your proposal for further testing has been accepted, and NASA agrees to raise your budget.

Play another turn.
Eureka!

You found a faster and better analysis process for your data.

Discard 2 cards of your choice, and draw 2 cards from the Draw Deck.
**Cooperation**

The testing deadline is approaching. You cooperate with your opponent to get Fermi ready on time.

*Trade one card with your opponent. You both can choose which cards to trade.*
An unexpected burst occurred, and your satellite caught it!

You can play a Satellite or Object card - you do not need the required Experience cards.
ED Team Up

The Educators collaborated and did a workshop on Fermi at the National Science Teachers Association meeting.

Choose any card from the Draw Deck and then shuffle the deck.
The Science Team made huge progress in the construction of the Large Area Telescope towers.

Unexpected Event

The Science Team made huge progress in the construction of the Large Area Telescope towers.

Cancel the effect of an Action played by your opponent. This card can be played at any time during your turn or your opponent’s turn.
Factoid
The Fermi satellite's orbit is about 560 km in altitude.

You can add up 1 point toward your next object.
Factoid
Intense flashes of invisible light come from the edge of the cosmos.

You can add up 1 point toward your next object.
Factoid
Fermi’s Gamma-ray Burst Monitor has 2 types of detectors to detect powerful bursts in a wide energy range.

You can add up 2 points toward your next object.
Factoid
Gamma-ray astronomy studies the most energetic objects and phenomena in the Universe.

You can add up 1 point toward your next object.
Factoid
Fermi orbits the Earth once about every 90 minutes.

You can add up 2 points toward your next object.
Factoid
The Fermi Gamma-ray Burst Monitor has 14 different detectors.

You can add up 2 points toward your next object.
Factoid
The Fermi Large Area Telescope sees almost one quarter of the sky at all times.

You can add up 5 points toward your next object.
Factoid
The Fermi Large Area Telescope sees almost one quarter of the sky at all times.

You can add up 2 points toward your next object.
Factoid
Fermi supports 10 Educators who teach about Fermi science around the country.

You can add up 1 point toward your next object.
Factoid
The Large Area Telescope data provide high resolution maps of the gamma-ray sky.

You can add up 3 points toward your next object.
Factoid
The Fermi Large Area Telescope sees almost one quarter of the sky at all times.

You can add up 5 points toward your next object.
Factoid
Fermi’s Gamma-ray Burst Monitor has 2 types of detectors to detect powerful bursts in a wide energy range.

You can add up 5 points toward your next object.
Factoid
There are 2 instruments on board Fermi: the Large Area Telescope, and the Gamma-ray Burst Monitor.

You can add up 1 point toward your next object.
Factoid
The Fermi satellite’s orbit is approximately 560 km in altitude.

You can add up 3 points toward your next object.
**Factoid**
The Fermi team is composed of scientists from around the world.

You can add up 2 points toward your next object.
Factoid
The Fermi mission is designed to last at least 5 years.

You can add up 2 points toward your next object.
Factoid
Gamma-ray astronomy studies the most energetic objects and phenomena in the Universe.

You can add up 3 points toward your next object.
Factoid
The Fermi Gamma-ray Burst Monitor has 14 different detectors.

You can add up 5 points toward your next object.
Factoid
The Large Area Telescope and Gamma-ray Burst Monitor are the two Fermi instruments.

You can add up 3 points toward your next object.
Factoid
The Fermi mission studies powerful objects and explosive events.

You can add up 1 point toward your next object.
Factoid
Fermi orbits the Earth once about every 90 minutes.

You can add up 2 points toward your next object.
Factoid
Fermi launched on a Delta rocket from Cape Canaveral, Florida on June 11, 2008.

You can add up 2 points toward your next object.
Factoid
The Fermi team is composed of scientists from around the world.

Wild

You can add up 5 points toward your next object.
Factoid
The Large Area Telescope is an imaging wide field-of-view telescope.

You can add up 2 points toward your next object.
Factoid
The Large Area Telescope has 16 towers of detectors.

You can add up 3 points toward your next object.
Factoid
The Fermi mission studies powerful objects and explosive events.

You can add up 5 points toward your next object.
Factoid
There are 2 instruments on board Fermi: the Large Area Telescope, and the Gamma-ray Burst Monitor.

You can add up 1 point toward your next object.