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updated 2013-11-05 05:45 utc goh kawai

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Check one box:

- I will do (or did) conversations before writing.
- I will do (or did) writing before conversations.

Conversation phrases

Instructions

If you will do (or did) conversations before writing, then during your writing time write phrases that you wanted to say -- that is, phrases that you should have said.

If you will do (or did) writing before conversations, then during your writing time write phrases that you plan to say.

A clerk at a ticket office and a passenger are talking.

Clerk: "Hello, how may I help you?"

Passenger: Ask for a ticket from Chicago Union Station to Round Lake.

Clerk: Ask whether they want a one-way or round-trip ticket.

Passenger: Ask for a one-way, standard fare ticket.

Clerk: Say the ticket costs \$7.25, and leaves every 5 to 20 minutes.

Passenger: "How long is the ride? And do I need to transfer?"

Clerk: Explain the ride is about 1 hour and 10 minutes. Say that the trains are direct (that is, you can stay on the train because there is no need to transfer). Tell the passenger to take the Milwaukee District North Line bound for Fox Lake.

Passenger: "Thank you. You've been a great help."

Clerk: Say goodbye. Be polite and friendly.

Reading and writing

Instructions

During your writing time, read the following text and write your responses. Your objective is to understand the text, and state your opinion. You may use any book, tool, or device. You may ask friends for help.

Research aboard the International Space Station (ISS)

The ISS is a unique research facility capable of unraveling the mysteries of life on Earth. We can use the ISS as a human-tended laboratory in low-Earth orbit to conduct multidiscipline research in biology and biotechnology, materials and physical science, technology advancement and development, and research on the effects of long-duration space flight on the human body.

Some examples of research capabilities aboard the ISS are as follows:

Biological Laboratory (BioLab) [ESA] is used to perform space biology experiments on microorganisms, cells, tissue cultures, small plants and small invertebrates, and it will allow a better understanding of the effects of microgravity and space radiation on biological organisms. BioLab includes an incubator with a microscope, spectrophotometer, and two centrifuges to provide artificial gravity. It also has a glovebox and two cooler/freezer units.

Combustion Integrated Rack (CIR) [NASA] is used to perform sustained, systematic combustion experiments in microgravity. It consists of an optics bench, a combustion chamber, a fuel and oxidizer management system, environmental management systems, and interfaces for science diagnostics and experiments-specific equipment, as well as five different cameras to observe the patterns of combustion in microgravity for a wide variety of gases and materials.

JEM Exposed Facility (JEM-EF) [JAXA] is an unpressurized pallet structure attached to the Japanese Experiment Module (JEM), Kibo. This external platform will be used for research in areas such as communications, space science, engineering, materials processing, and Earth observation.

This text is based on http://www.nasa.gov/pdf/626225main_ISS_LABS_Guide.pdf.

Where is the ISS? Circle one.

1. in low-Earth orbit
2. in medium-Earth orbit
3. in geosynchronous orbit
4. in high-Earth orbit

What does the BioLab have? Circle one.

1. animals
2. fossils
3. iPS cells
4. viruses

What does the CIR study? Circle one.

1. how things burn
2. how to integrate equipment
3. how to sustain oxidation
4. which fuel to use for rockets

What is the JEM-EF exposed to? Circle one.

1. communication
2. space
3. the atmosphere
4. the sun

Video

International Space Station Expedition 33 Commander Suni Williams takes us on a tour of the ISS. The video was taken 12 hours before she returned to Earth.

The video is based on http://www.nasa.gov/mission_pages/station/main/suni_iss_tour.html.

If Suni Williams' body is the ISS, where would the Japanese lab be? Circle one.

1. her chest
2. her head
3. her left hand
4. her right hand

Where do crew members sleep? Circle one.

1. each in their own sleeping bag
2. they hang upside down
3. they share sleeping bags
4. they sleep anywhere they want

Why is the exercise bike loose from the wall? Circle one.

1. to avoid jolting the space station
2. to exercise without bike seats
3. to repair the bike
4. to use the bike for weigh-lifting

What food do they have? Circle all correct choices.

1. American food
2. Japanese food
3. Russian food
4. food sent by their families

clerk	partner ID
from which station	
to which station	
how many passengers	

pax	partner ID
price of ticket	
length of trip	
time until next train	

clerk	partner ID
from which station	
to which station	
how many passengers	

pax	partner ID
price of ticket	
length of trip	
time until next train	

clerk	partner ID
from which station	
to which station	
how many passengers	

pax	partner ID
price of ticket	
length of trip	
time until next train	

friend	partner ID
favorite method of transportation	
why	
method of transportation they would like to try	
why	

friend	partner ID
favorite method of transportation	
why	
method of transportation they would like to try	
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favorite method of transportation	
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