

— 盛世啟航 —

新中國成立75周年成就

Glorious Voyage

Splendid Achievements of the People's Republic of China in Its 75 Years

Activity Sheet

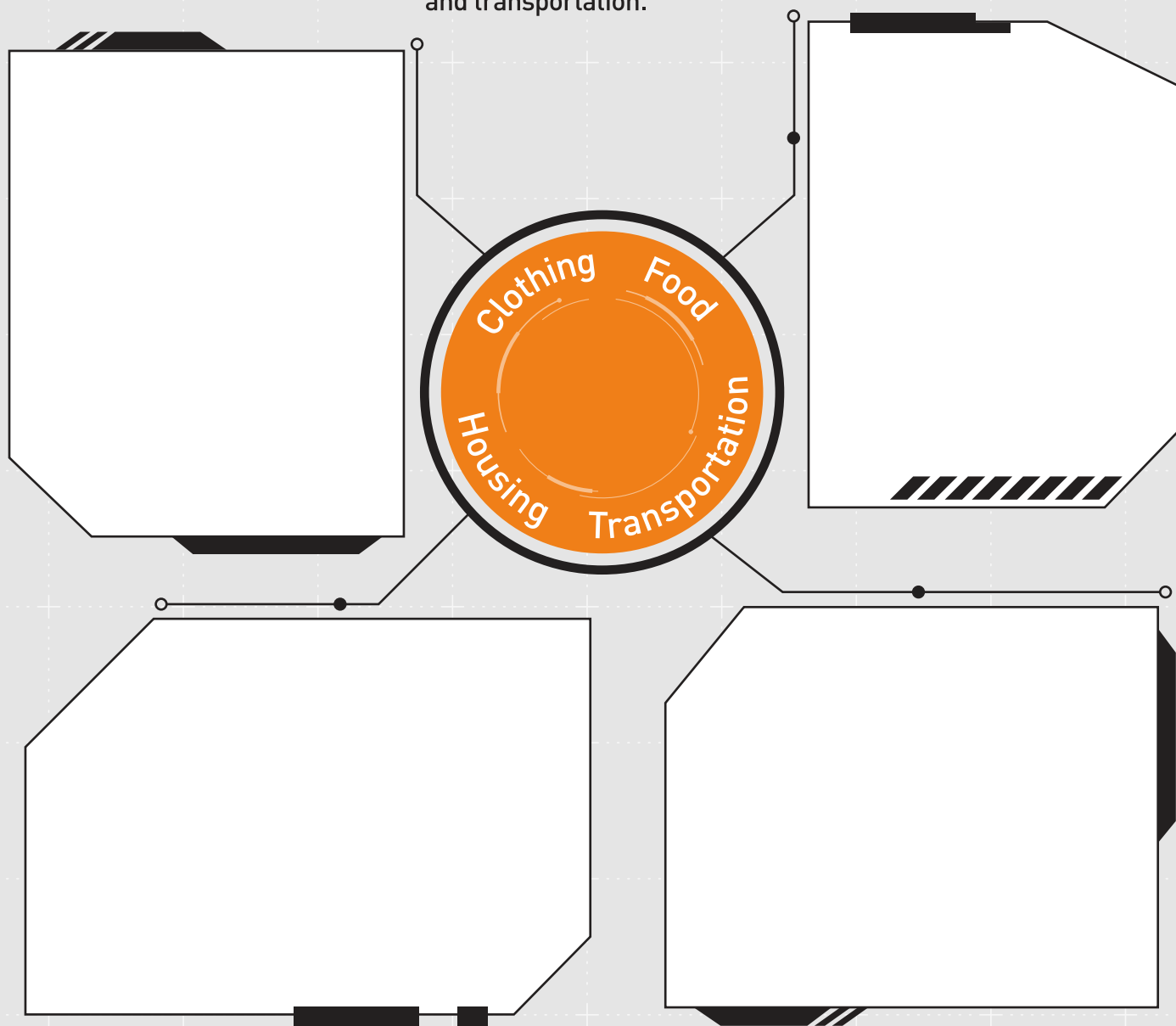
Name : _____

Class : _____

All new discoveries and innovative technologies adhere to the principle of "human-centeredness". First, figure out your needs in terms of clothing, food, housing and transportation. Then, capturing inspiration from the exhibit, try to create a technological product that addresses your everyday needs!

KICK-OFF POINT

Try to list the various needs in terms of clothing, food, housing and transportation.



CAPTURE YOUR INSPIRATION

Choose an exhibit that impressed you the most.

Name of the Exhibit:

What benefits do you think this exhibit brings to us?

Which of the following technologies or fields does your selected exhibit cover?
More than one option can be chosen.



Big Data

The amount of data is constantly increasing, becoming more diverse and being generated at an ever-faster rate.



Machine Learning

Artificial intelligence system learns from data and algorithms, thus improving the performance.



Cloud Computing

Accessing computing resources over the network, including application development tools, servers, data storage, etc.



Computer Vision

Computer system takes corresponding action based on acquired information from digital images, videos, and other visual inputs.



Simulation

Various simulation scenarios are used to help artificial intelligence collect diverse data to enhance its learning efficiency.



Natural Language Processing

Computers can understand, interpret, and process human language, allowing systems to generate articles, lyrics and artworks, etc.



Resource Exploration

Applying methods to locate natural resources such as minerals, water sources, and oil.



Nuclear Energy

Utilising the energy released from the processes of nuclear fission or nuclear fusion as weapons or for power supply.



Aerospace Technology

Exploring the space.



Invention

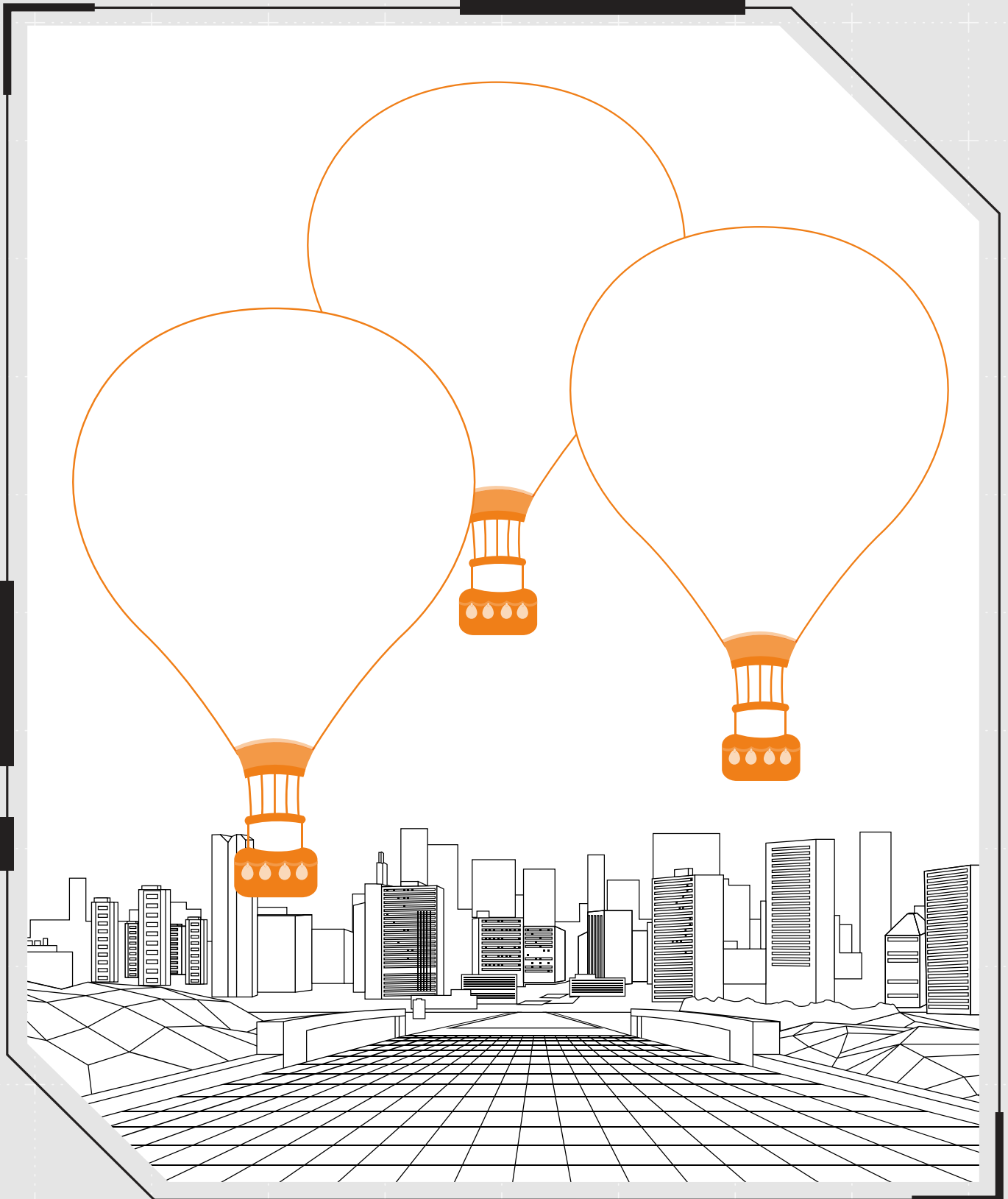
Creating something that has never existed before.

What features would you like to add to this exhibit?

IGNITE THE CREATIVE ENGINE

Share your vision for AI.

Artificial intelligence (AI) frequently contributes to new creations and delves into areas unknown to humans. What assistance or changes do you think AI could bring to the world in the next fifty years? Record your expectations on the hot air balloon(s).



DESIGN YOUR CREATIVE BLUEPRINT

Create a technological product that addresses your everyday needs!

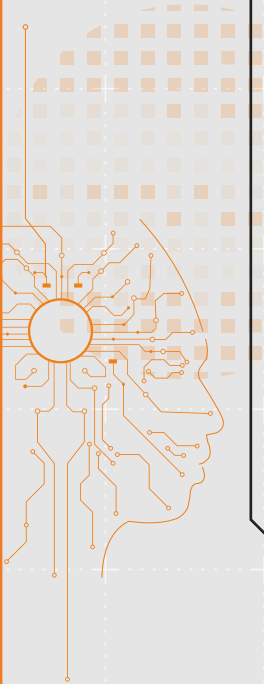


Purpose of this design

A large white rectangular area for writing, framed by a black border. It features a solid orange horizontal bar at the top and a diagonal cut-off at the bottom right corner.

Briefly describe the functions of this innovative product and related technologies applied.

A large white rectangular area for writing, framed by a black border. It features a diagonal cut-off at the bottom left corner and a solid orange horizontal bar with a diagonal hatched pattern at the bottom.



Draw your product.

Can it move?

Bigger or smaller than you?

Can it replace humans?

What are the functions of each part?