

# EXPO 2020 CHAMPIONS



## APRIL CHALLENGE

### OBJECTIVE: TO DESIGN A GAME BASED ON EXPO 2020 DUBAI FACT

#### STEPS TO FOLLOW:

1. Choose a minimum of 10 of your favorite Expo 2020 Dubai facts from the list attached.
2. Design a game using your selected facts. It can be played in pairs or in groups, and can be designed on paper or digitally. When designing your game, remember to keep all the social distancing restrictions in mind.
3. Challenge your classmates, family and friends to play the game.
4. Share photos of your game and everyone playing your Expo 2020 Dubai game. If you create your game online, remember to share the link with us! Do not forget to tag us @expo2020schools #Exposchoolprogramme

### EXPO 2020 DUBAI FACTS

#### GENERAL FACTS

- The Dubai Metro Route 2020 will be able to carry 44,000 passengers per hour to and from the Expo 2020 site directly
- 4.38 sq km is the size of the Expo 2020 site, equal to more than 600 football pitches
- 2 public parks
- Approximately 150,000 visitors are expected to be welcomed on an average day
- Up to 300,000 people per day can be accommodated on the Expo 2020 site
- There will be up to 60 live events each day throughout the six-month event
- 30,000 – is the number of volunteers – that's more than the population of Jumeirah
- 2021 marks the UAE's 50th anniversary. Celebrate the Golden Jubilee at Expo 2020 Dubai.
- There will be approximately 200 F&B outlets and 50-plus global cuisines on offer
- More than 200 participating nations – including countries, multilateral organizations, educational establishments and companies – as well as millions of visitors, will come together to celebrate Expo 2020
- The Expo 2020 logo was inspired by a 4,000-year-old ancient ring discovered at Saruq Al Hadid, an archeological site in the UAE

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## AL WASL FACTS

- Al Wasl's dome is a 360-degree projection screen that can be seen from inside and outside
- It is 67.5 meters tall – more than 10 meters taller than the Leaning Tower of Pisa
- At 130 meters wide and 67.5 meters tall, the dome weighs a total of 2,544 tones – as much as 25 blue whales
- Al Wasl Plaza's 550-tonne steel crown encloses a space of 724,000 cubic meters – the volume of almost 300 Olympic-size swimming pools
- Al Wasl dome uses 13.6 km of steel – equal to the length of 16 Burj Khalifa
- Crowning the dome was a 14-hour feat of engineering
- Al Wasl dome's 1,162 individual sections had to be joined together with a margin of error of less than five millimeters

## SUSTAINABILITY PAVILION

- The Sustainability Pavilion and surrounding grounds cover approximately 25,000 sqm
- The pavilion's canopy is 130 meters-wide
- There 4,912 solar panels arranged on top of the canopy and the pavilion's Energy Trees
- It will generate 4Ghw of energy per year – enough for a Nissan Leaf to drive halfway to Mars.
- The grounds feature technology, local plants to reduce the amount of water needed for irrigation by 75%

## MOBILITY PAVILION:

- The entire pavilion covers 15,000 square meters; and the exhibition covers 4,300 square meters
- The pavilion has the world's largest passenger lift, which is capable of holding more than 160 persons (38 based on current social distancing restrictions) and has a twin sister in Singapore
- A partly underground, partly open-air 330-metre track runs around the building, above and below ground. Here, you'll see cool mobility devices in action
- The Mobility Pavilion visitor experience begins 4,500 years ago in Saruq Al Hadid, a settlement in the Dubai desert
- You will see 9-metre-high statues created by five-time Academy Award-winning design studio and physical manufacturing facility, Weta Workshop

## EXPO ENTRY PORTALS

- There are 3 Expo Entry Portals in which visitors will enter the Expo Site
- Each portal is 21 meters high, 21 meters wide and 30 meters long
- They are made of high-grade carbon fiber and resin. Laid out end to end, all of the carbon fiber filaments used would circumnavigate the world more than 5,000 times
- The portals each have a set of two doors (21 meters tall by 10.5 meters wide)
- The doors are light enough to be opened by a single person