

Many architectural structures, including arches and bridges, have used the shape of parabolas throughout history. Rising from the southernmost point of Doha, Qatar, the Katara Towers is an example of parabolic curves being adopted by architects.

On one hand, the parabolically arched design of this tower was inspired by the traditional scimitar swords from the nation seal, this makes it one of the most fascinating architectural designs.

On the other hand, this high-rise tower designed by Kling Consultant has a crescent-like design, making a parabola. A parabola is vertically symmetrical and is like the letter “U” that opens either upward or downward.

Containing symbolic references of the trinity of sand, sea and sky (three elements closely associated with Qatar’s history) and embedding mathematics in the design, the Katara Towers has become a hospitality icon for Qatar.