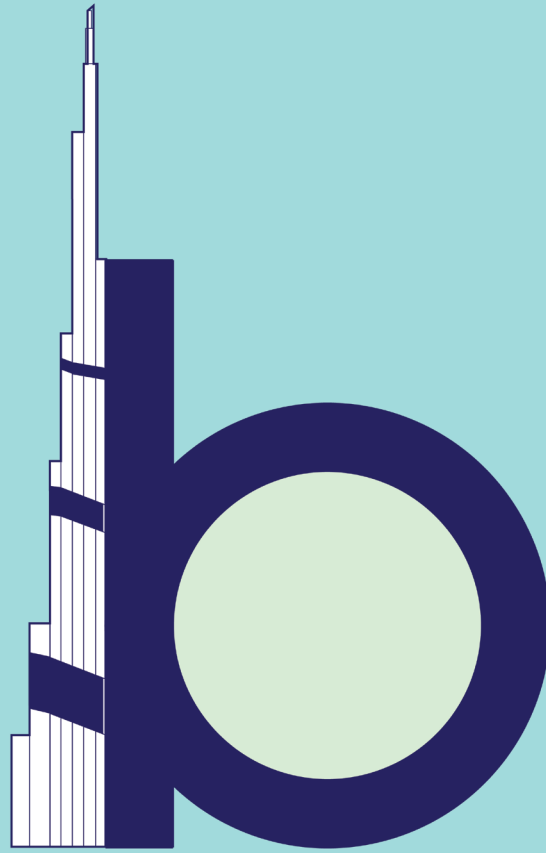




B for Burj Khalifa

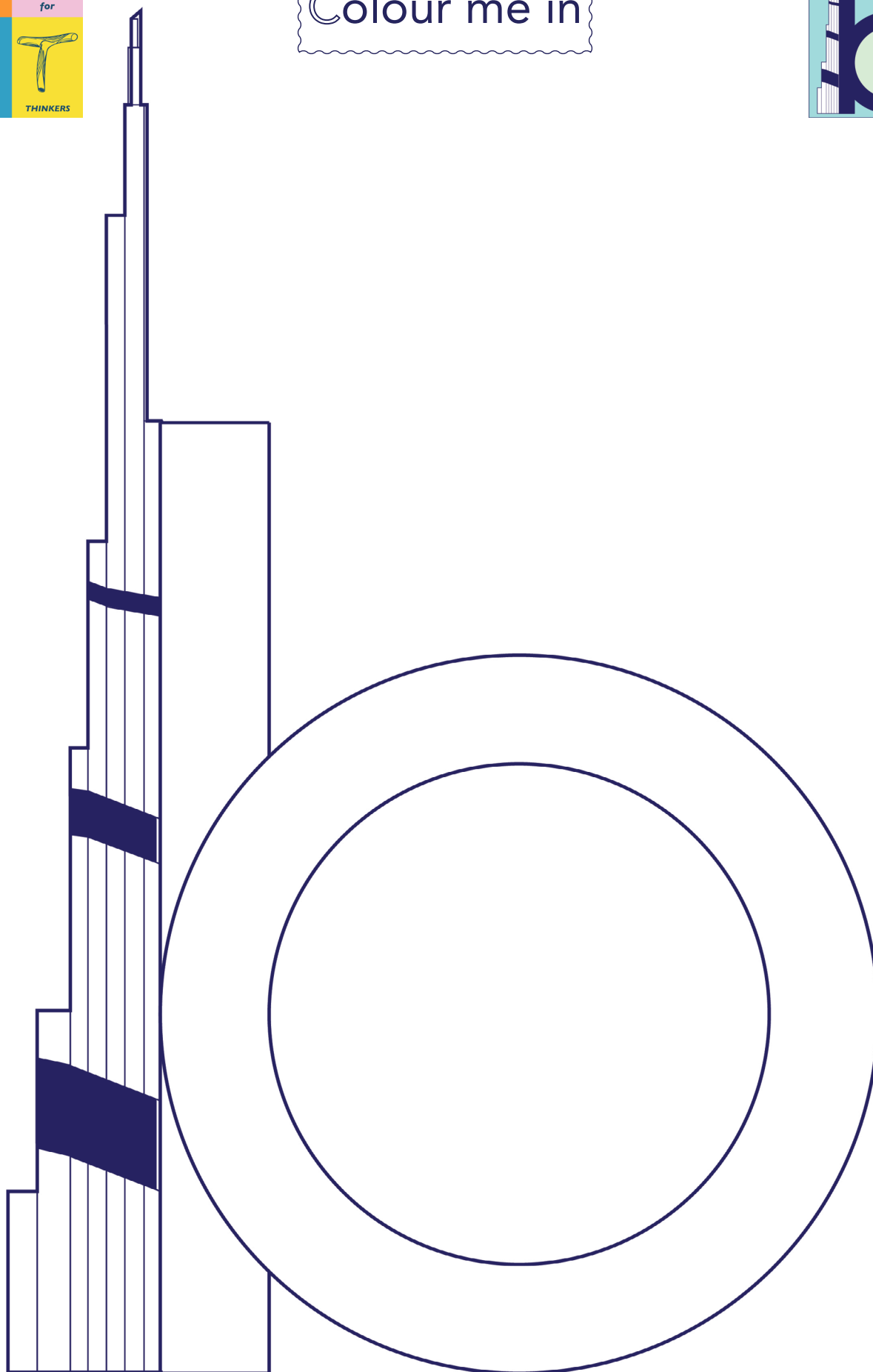
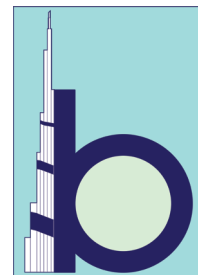


Fun Facts

1. The Burj Khalifa is **the tallest** structure and building in the world.
2. Before the building opened, it was called **Burj Dubai**.
3. The building is **160 stories** high, and its elevator travels **the longest** distance in the world.

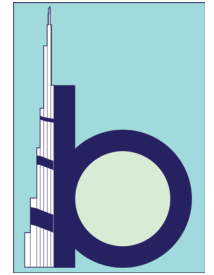


Colour me in





Inspiration



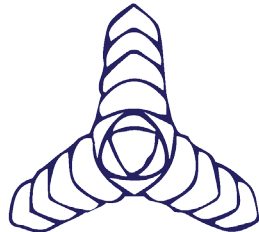
- Nature is the most significant source of inspiration for all creative minds. Architects look at nature to take inspiration from its structure, function or just the shape.
- Antoni Gaudi was inspired by forests for the interior of his masterpiece, the Sagrada Familia cathedral in Barcelona, Spain.
- Other sources of inspiration for architects are historic buildings, materials, art, technology and more.

Burj Khalifa

Designed by Skidmore, Owings and Merrill (SOM)



The "Y" shaped plan of The Burj Khalifa was inspired by the Hymenocallis flower.



The Gherkin

Designed by Foster and Partners



The hexagonal skin of 30 St Mary Axe 'The Gherkin' is inspired by the Venus Flower Basket Sponge.



Activity

Let's take a look at nature for inspiration.

1. Find a plant or flower that interests you.

2. Study and simplify its structure.

3. Design your own nature-inspired skyscraper.