How is the bridge supported?

Verrazano, an Italian about whom little is known, sailed into New York Harbour in 1524 and named it Angouleme.

He described it as 'a very agreeable situation located within two small hills in the midst of which flowed a great river.'

Though Verrazano is by no means considered to be a great explorer, his name will probably remain immortal, for on November 21st, 1964, the longest suspension bridge in the world was named after him.

The Verrazano Bridge, which was designed by Othmar Ammann, joins Brooklyn to Staten Island.

It has a span of 4,260 feet.

The bridge is so long that the shape of the earth had to be taken into account by its designer.

Two great towers support four huge cables.

The towers are built on immense underwater platforms made of steel and concrete.

The platforms extend to a depth of over 100 feet under the sea.

These alone took sixteen months to build.

Above the surface of the water, the towers rise to a height of nearly 700 feet.

They support the cables from which the bridge has been suspended.

Each of the four cables contains 26,108 lengths of wire.

It has been estimated that if the bridge were packed with cars, it would still only be carrying a third of its total capacity.

However, size and strength are not the only important things about this bridge.

Despite its immensity, it is both simple and elegant, fulfilling its designer's dream to create 'an enormous object drawn as faintly as possible'.

The Verrazano Bridge, which joins Brooklyn to Staten Island, has a span of 4,260 feet.

Its two great towers support four huge cables.

The towers are built on platforms made of steel and concrete, extending over 100 feet under the sea and rising nearly 700 feet above the surface of the water.

The bridge is suspended from four huge cables, each of which contains 26,108 lengths of wire.

It is not only very strong, but simple and elegant as well.

The bridge I know best is called the Sydney Harbor Bridge.

It joins either side of Sydney Harbor.

From far away, it looks like a great arch, but when you get near, you can see a great deck under the arch.

It is made of steel and supported by two towers.

If you stand on the bridge early in the morning, you can see the Parramatta River to the west and the open sea to the east.

At this time, everything is quiet.

During the day, however, the harbor becomes busy with small boats and large ships moving in all directions.

I enjoy standing on the bridge at night when you see the magnificent Opera House looking like a great sailing ship.

In the darkness, you can see the city lights.

In the stillness, the traffic and the movement of the sea are the only sounds that can be heard.

Verrazano is an Italian about whom we know little.

They do not consider Verrazano to be a great explorer.

They named the greatest bridge in the world after him.

He had to take into account the shape of the earth.

I find that he is quite unsuitable for the job.

I find him to be quite unsuitable for the job.

I believed that he owned property abroad.

The Minister declared that the treaty was invalid.

I know that he is a person of high integrity.

I guess that he is about twenty-seven years old.

We estimated that this picture is worth at least £500.

He is believed to have owned property abroad.

The Minister declared the treaty to be invalid.

I know him to be a person of high integrity.

I guess him to be about twenty-seven years old.

We estimated this picture to be worth at least £ 500.

Verrazano's name will probably remain immortal because it has been given to the world's longest suspension bridge.

The Verrazano Bridge was built with so wide a span because it had to cover a wide stretch of water.

In designing the Verrazano Bridge, Othmar Ammann had to account for the curvature of the earth's surface.

He described it as being very agreeably situated,

The Verrazano Bridge is the design of Othmar Ammann.

The length of the bridge is such that the shape of the earth.

The towers are built on immense ferro-concrete platforms which are sunk beneath the water.

Even if the bridge were packed with cars, it could still carry three times the load.

A very agreeable situation with two small hills lying on either side.

The Verrazano Bridge links Brooklyn with Staten Island.

A bridge which is hung from cables is known as a suspension bridge.