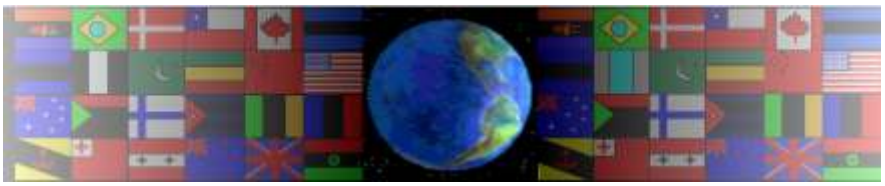
THE EIFFEL TOWER

V.Ryan © 2000 - 2009

On behalf of The World Association of Technology Teachers

W.A.T.T.



World Association of Technology Teachers

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1. Complete the passage below, by adding the missing words/phrases.

The Eiffel Tower is one of the most famous _____ in the world. It was named after _____ Eiffel whose team of _____ designed it. It cost _____ to build in _____ with most of the money being provided by Eiffel himself and the French state. The Eiffel Tower rises to a _____ of 985 feet and for over _____ years it was the _____ structure in the world.

The top may be reached by using lifts and stairs with the first platform being 189 feet, the second being 380 feet and the third at 906 feet above the ground. The structure is largely composed of _____ sections and this allowed the engineers to build the tower so high.

It was originally looked upon as a _____ structure, built for the 1889 _____ _____. The Worlds Fair coincided with the centenary of the French Revolution.
For forty years it was the tallest ____-____ structure in the world.

triangulated height highest temporary engineers forty 1889

Alexandre man-made £260,000 Worlds Fair structures

2. What was the name of the Chief Engineer of the company that built the Eiffel Tower?

_____

3. The engineer named in question 2, also designed another important structure that became a symbol of its country. What is the name of the structure and the name of the country where it stands?

_____

4. Describe the experiments carried out at the Eiffel Tower by Alexandre Gustave Eiffel.

_____

_____

_____

_____

5. In the space opposite, draw a diagram of the Eiffel Tower. Add labels to name the various parts, such as the platforms.