

# Materials and Mechanics in the 19th Century

# Worksheet

The construction of the Eiffel Tower is a symbol of 19th century technology because:

* The m\_\_\_\_\_\_\_\_ and c\_\_\_\_\_\_\_\_\_\_ techniques were not available in the 18th century.
* El\_\_\_\_\_\_\_\_\_\_\_ was not used for the construction of the tower.
* The elevators used hy\_\_\_\_\_\_\_\_\_ and steam power not electricity.
* New technologies are not easily accepted. Some people in Paris thought Eiffel had g\_\_\_\_ m\_\_\_ and should be in an asylum.
* The aesthetics of Eiffel Tower does \_\_\_ blend with the other 18th and 19th century buildings in that location.

The innovations for levers, pulleys, the various metal materials, and the mechanical ingenuity we see in the innovation of the Eiffel tower were equally part of the crafting of musical instruments in the 19th century.