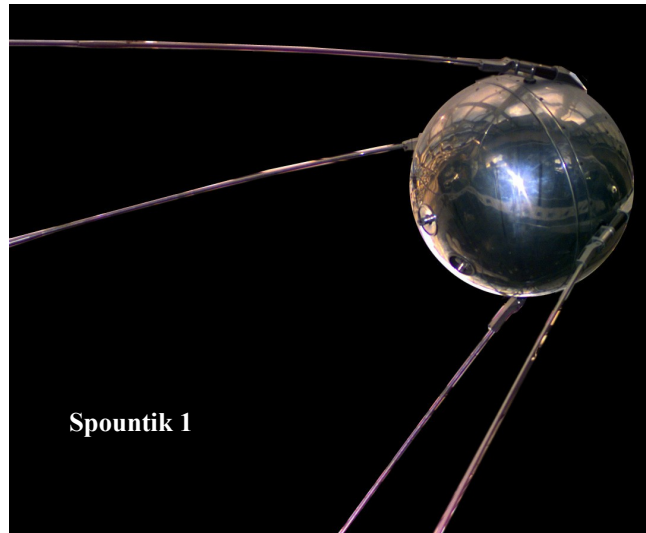# The impact of the space conquest on our lives.

Introduction

At the end of the second world war, the space conquest was a fight between URSS and USA, they were the only two countries who could finance space projects. They used space technologies to build missiles. The battle between the US and the USSR was also intended to have a national prestige. The URSS launched the first satellite in space in 1957, it was spountik 1.

Spountik 1

Part 1- Satellite

Today, the space conquest have a real place in our lives. For example we could not live if we haven't got satellites. The GPS, the phone and the television work with satellites.
Galileo is a space project made by ESA (European space agency) that is the first European Satellite. Galileo permitted for Europe to have a GPS independent of the American GPS. He gave its first signal in 2013 12th March.

Galileo

Part 2 – Ariane Technologies

The space conquest gave some materials for the medicine. A tiny ventricular assist pump, used in artificial hearts, is derived of fuel pumps of the Space Shuttle.
We think that just with Nasa approximately 1600 innovations applied to our lives were created with space projects.

Ariane is equipped with infra red technologies. These technologies could be used to detect fire in a forest or feverish people in airports.
The space conquest impacted the food, because when NASA wanted to send men into space, it has established the HACCP (Hazard Analysis Critical Control Point) to check the astronaut food because it wanted they have a seine and safe food.

http://www.lefigaro.fr/sciences/2009/07/01/01008-20090701ARTFIG00422-pourquoi-la-conquete-de-l-espace-profite-a-tous-.php

Part 3 - Computers

Development of modern computers:

– Some programing languages and embedded systems were created by the space conquest projects, especially with the program Appolo in 60's.
– The flight of the Apollo capsules Computer (AGC) was the first in the world Computer Integrated circuit (1966).
– in the 1960s, NASA bought 60% of the total generating circuit incorporated in the United States.
– during the development of the Apollo program, programming languages did not exist, everything has been created from scratch, hand written on paper and turned into punch cards, before being stored on memory made of "strings "copper.

Diapers origin : the first astronauts diapers are a combination including absorbent materials to satisfy their natural needs

http://fr.wikipedia.org/wiki/Avanc%C3%A9es_technologiques_li%C3%A9es_%C3%A0_la_conqu%C3%AAte_de_l'espace