

# Roadmap to Computing Topic: ‘What Is Computing?’

Our first Roadmap Topic is 'What Is Computing?' The introductory talk (20 minutes) is on the web at

<http://vimeo.com/14860090>

Below are 30 suggested related topics for research reports. There are many other possible topics. Whichever topic you choose, remember that your research and report should investigate its relationship to the topic at hand. For example, if you choose one of the people you should concentrate on their contribution to computing rather than other aspects of their biography.

Ada Lovelace  
Alan Turing  
algorithm  
Alonzo Church  
Augustus de Morgan  
Blaise Pascal  
Bletchly Park  
Charles Babbage  
Church-Turning Thesis  
compiler  
computable numbers  
CPU  
David Hilbert  
Emil Post  
ENIAC  
George Boole  
Halting Problem  
Herman Goldstine  
Hollerith machine  
intractability  
Jacquard loom  
John Atanasoff  
John von Neumann  
Kurt Godel  
machine language  
model of computation  
Moore's Law  
Principia Mathematica  
Stephen Kleene  
VLSI