History of Computers

Name:		Class:	

You are going to learn about the development of computers. Whilst you are listening, fill in this sheet with key facts.

Question.	Your answer
1. Who was the first to use an abacus?	
2. Why did Pascal invent the first calculator in 1645?	
3. What does the "Stepped Reckoner" do that Pascal's machine couldn't?	
4. Who invented the "Difference Engine" and "Analytical Engine"?	
5. Who helped Babbage in his work?	
6. What happened at Bletchley Park in World War 2?	
7. Who invented the machine known as "Colossus"?	
8. Who proved that a machine capable of processing a stream of 1s and 0s was capable of solving any problem?	

9. Who invented this machine and how heavy was it?	
10. Who invented the term "debugging"?	
11. What was the problem with using valves in computers?	
12. Where were the first integrated circuits used?	
13. How old was Bill Gates when he first got interested in programming?	
14. Who did Bill Gates talk into letting him create their operating system?	
15. When was the Apple 1 computer first sold?	
16. When was the iPod first sold?	
17. Who started the company Google?	
18. When was Wikipedia founded?	
19. When did YouTube first appear online?	

History of Computers Homework

Name:		Class:	

Task 1: Put the following key points in computer history into the correct order by numbering them 1 to 13 with 1 being the earliest event and 13 being the most recent event. You may need to do some research to help you complete this task.

Event	Order in History
Charles Babbage drew up the plans for The Difference Engine while still a student at Cambridge University.	
Steve Jobs also dropped out of university at the age of 21, to start his company Apple.	
Alan Turing proved that a machine capable of processing a stream of 1s and 0s would be capable of solving any problem.	
John Napier invented "logarithms" to help reduce errors when performing calculations.	
Dr. Hopper developed the programming language known as COBOL.	
Joseph-Marie Jacquard used punched cards to control his weaving looms.	
Lady Augusta Ada was the first computer programmer and created programs for Babbage's machines.	
Pascal invented a calculator to help work out taxes.	
Howard Aiken claimed that six electronic digital computers would be sufficient to satisfy the computing needs of the entire United States.	
Apple announced the release of the iPod.	
Tommy Flowers invented "Colossus", the world's first electronic, digital, programmable computer.	
YouTube was founded.	
Bill Gates sold a computer that he had built and programmed to Seattle to allow them to count their city traffic.	

Extension Activity: Find out 3 more facts about each computer entrepreneur, Bill Gates and Steve Jobs which have not been covered in the lesson. Write them on the back of this sheet.

History of Computers Word search

Name:		Class:	

Find the names of key people in computer history in the grid below. Once you have found the name, write what they did to help the progress of computers next to their name.

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K  K  S  I  Q  O  L  Y  H  D  V  T  U  E  P  O  V  L  J  H
Q  X  O  X  Y  U  X  U  J  N  E  K  I  A  D  R  A  W  O  H
I  X  F  G  E  U  H  O  L  W  H  L  H  R  C  H  P  K  H  A
C  W  Q  T  O  M  M  Y  F  L  O  W  E  R  S  O  R  M  L  U
S  P  E  J  D  O  P  L  Z  N  W  D  Z  Z  E  N  E  X  L
E  N  L  L  I  Y  P  E  X  F  T  T  P  F  Y  X  T  L  A  P
R  A  L  A  E  Y  X  L  Y  B  L  I  K  K  C  A  J  D  D  T
G  O  Q  C  G  L  M  P  G  P  C  J  W  N  X  R  Y  N  C  I
E  R  Q  S  W  T  B  J  G  N  I  R  U  T  N  A  L  A  M  D
Y  E  J  A  U  E  N  H  E  P  D  J  H  M  U  E  R  U  I  J
B  I  V  P  K  L  X  X  X  C  G  L  A  G  F  Z  A  K  C  S
R  P  E  E  G  K  W  K  E  R  J  H  U  K  N  J  L  R  W  E
I  A  G  S  T  H  J  I  G  A  Z  S  E  R  Y  V  N  G  M  W
N  N  A  I  M  Q  A  M  E  T  T  C  F  I  T  P  W  N  Z  Z
S  N  P  A  P  D  L  L  K  A  U  B  O  H  R  U  K  C  L  C
G  H  Y  L  U  L  P  I  A  G  T  K  Z  D  N  Z  P  E  R  J
D  O  R  B  L  F  G  D  T  E  H  H  Q  S  C  S  H  U  K  V
Y  J  R  V  C  H  A  R  L  E  S  B  A  B  B  A  G  E  Z  W
U  O  A  S  B  O  J  E  V  E  T  S  R  Q  K  S  V  R  T  V
U  V  L  Z  E  F  F  B  I  L  L  G  A  T  E  S  E  S  N  X
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Peoples' Names

Name	What did they do to help the progress of computers?
Alan Turing	
Bill Gates	
Blaise Pascal	
Charles Babbage	
Howard Aiken	
Jack Kilby	
John Napier	
Lady Augusta Ada	
Larry Page	
Sergey Brin	
Steve Jobs	
Tommy Flowers	