

UNIT 1 – SUPERHEROES

Activity 2 – SUPERHEROES AND SCIENCE

Lis le texte et réalise la fiche d'identité de chaque super-héros. A quelle science chacun peut-il être relié ?



B

Spiderman

In the 1962 comic, a high school student called Peter Parker is bitten by a radioactive spider and becomes Spiderman. In the 2002 film version, the bite is from a genetically-engineered superspider that has escaped from a biology lab. The spider's bite gives Peter superhuman strength and he can make a web that is stronger than steel!



A

Ironman

At the time of the Vietnam War, a wealthy electrical engineer called Anthony Stark was taken prisoner during a visit to Vietnam. While in prison, he designed and built an electrically-powered suit of armour. When he wore it, he became extremely strong. With the help of the armour, he managed to escape. Afterwards he decided to use the armour to fight evil.



D

Hulk

Dr Bruce Banner, a physicist, designed and built a terrifying bomb. When the bomb was tested, there was an accident and Dr Banner saved a boy's life. But Banner was bombarded with highly radioactive particles. Now, every time he gets very angry, he is transformed into a ferocious, powerful, green-skinned creature: The Hulk. When he loses control, he reminds us of the physical changes that happen when we feel emotions like fear or anger.



C

Superman

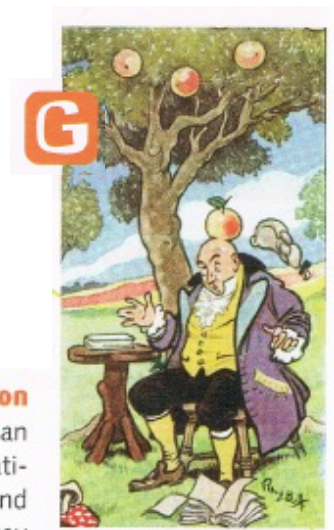
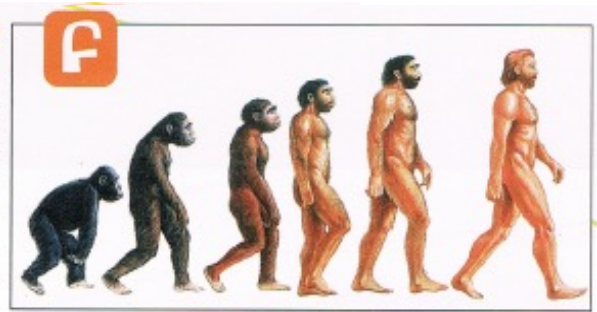
Clark Kent, a shy, mild-mannered journalist, was born on the planet Krypton. He was sent into space by his father who knew that Krypton was going to be destroyed. The baby landed on Earth and was brought up by Jonathan and Martha Kent from Smallville. Krypton has heavier gravity than Earth, so all objects on Earth seem to be very light to Superman.



X-men

The X-men are creatures that could be the next step in human evolution. They are called X-men because they all have an "extra" ability that normal humans don't have. They work in a team under Professor Charles Xavier and are regarded as a danger to human civilization.

In his book, *The Origin of Species*, Charles Darwin wanted to show that every species on Earth had developed from a previous species, including humans. At the time of its publication in 1859, the book shocked scientists and the general public. People could not believe that humans had evolved from apes!



Sir Isaac Newton

(1643–1727) was an English mathematician, astronomer and physicist. They say that Newton was sitting under an apple tree when an apple fell on his head, and this inspired him to develop his Universal Law of Gravitation. The Law says that falling objects are attracted to Earth by a force called gravity. Newton used his theory to accurately predict the movement of the stars and planets around the sun.

Fiche d'identité à réaliser pour chaque super-héros

(A à E) :

Real name / cover name: _____

Code name : _____

Costume / appearance :

Abilities / powers :

How did he get his powers :

Puis relie chaque super-héros de A à E à une science de la liste et justifie tes choix grâce aux textes :

Physics – biology – physiology – zoology – astronomy – chemistry – genetics

Pour finir, lis les paragraphes F et G sur 2 scientifiques anglais, peux-tu relier leurs idées à certains des superhéros ? Justifie tes choix grâce aux textes.