

# CLIL WORKSHEETS Answers

## HISTORY

### The stock market crash of 1929

- 2 1E 2B 3A 4C 5D
- 3 1 People felt free after the end of the War and the economy was doing well.  
2 They thought they could get rich.  
3 The steel industry, the car industry, and the house building industry.  
4 Stock prices collapsed completely.  
5 The US had lent money to different countries and now they had to ask for it back.  
6 15 million  
7 They went to bread lines and soup kitchens for food.  
8 He tried to stimulate the economy and regulate the banks.
- 4 a recession  
b unemployment  
c stock market  
d bankrupt  
e stocks and shares
- 5 1F 2C 3A 4B 5D

## HISTORY

### Birth of the United Nations

- 1 1 1945 2 51 3 Poland
- 2 1E 2C 3F 4D 5A
- 3 1 1919  
2 It had failed to prevent the Second World War.  
3 They agreed to continue fighting the Axis Powers.  
4 Franklin Roosevelt, Winston Churchill, and Joseph Stalin  
5 50 million  
6 India
- 4 1 conflict  
2 gender equality  
3 humanitarian assistance  
4 charter  
5 democracy  
6 sustainable development
- 5 polio
- 6 1 ✓  
2 ✗ The UN vaccinates 57% of the world's children.  
3 ✗ Polio is a disease that paralyzes children.  
4 ✓  
5 ✗ The UN has helped save five million children and adults from polio.  
6 ✓

## HISTORY

### Decolonization in India

- 1 1 eighteenth  
2 Mohandas Ghandi  
3 1947
- 2 1D 2F 3A 4C 5E
- 3 1b 2a 3e 4d 5c
- 4 1 ✗ He was the leader of the Indian nationalist movement.  
2 ✓  
3 ✗ He believed in non-violent peaceful protest.  
4 ✓  
5 ✗ He didn't support partition.  
6 ✗ He was assassinated by a Hindu fanatic.

## HISTORY

### Globalization and the information revolution

- 1 1 internationally  
2 transport has
- 2 1d 2a 3b 4b
- 3 1 profits  
2 apps  
3 infrastructure  
4 telecommunications  
5 labour
- 5 1 ✗ It's popular because it is suited to the lifestyle of some Kenyan people.  
2 ✓  
3 ✓  
4 ✗ The mFarm App helps farmers get the right price for their produce, find buyers and sell their products.  
5 ✗ They are affordable.

## HISTORY

### The Russian Revolution

- 1 1 an aristocratic family  
2 sent  
3 revolutionary  
4 working people
- 2 1B 2F 3D 4E 5A
- 3 1d 2a 3c 4e 5b 6f
- 4 1e 2c 3a 4b 5d
- 5 He wanted reforms in the way Russia was governed.
- 6 1 ✓  
2 ✓  
3 ✗ In 1897 Lenin was exiled to Siberia.  
4 ✗ Lenin led the Bolshevik party to power in 1917.  
5 ✗ He became a cruel dictator.

## HISTORY

### The Cold War

- 1 Possible answers  
Poland, Czechoslovakia, Hungary, Romania, Bulgaria, East Germany, Albania
- 2 1e 2a 3d 4b 5c
- 3 1F 2D 3E 4A 5C
- 4 1 1962  
2 thirteen days  
3 The US felt threatened.  
4 Khrushchev and J.F. Kennedy  
5 a nuclear war
- 5 1B 2D 3F 4A 5E 6C

## PHILOSOPHY

### Freud

- 1 psychoanalysis
- 2 1b 2c 3a 4b 5d 6a
- 3 a psychopathology  
b psychosexual  
c anthropology  
d unconscious  
e physiology  
f neuroses
- 4 1 ✓  
2 ✗ Repression is a form of defence mechanism.  
3 ✓  
4 ✗ Repression can be both a conscious and unconscious act.  
5 ✓  
6 ✗ Denial can protect us from pain when the truth is too painful to admit.

## PHILOSOPHY

### Marx

- 1 *The Communist Manifesto* and *Das Kapital*
- 2 1b 2b 3b 4c 5a 6b
- 3 1B 2A
- 4 a devaluation d grasped  
b epoch e commodity  
c proportion f disposal
- 5 1 ✗ The more workers produce, the poorer they become.  
2 ✓  
3 ✗ The more we value what we produce, the less we value the workers who have produced it.  
4 ✓  
5 ✓

**PHILOSOPHY**

**Nietzsche**

- 3 1d 2c 3a 4b 5a 6c  
 4 a rift  
 b rationalism  
 c philology  
 d evolution  
 e empiricism  
 f materialism  
 5 1 He was often ill.  
 2 No, it wasn't.  
 3 His eyesight was very bad.  
 4 Because her political beliefs were different to his.

**PHILOSOPHY**

**Kierkegaard**

- 1 a ✓ b ✓ c ✗  
 2 1e 2a 3d 4b 5f 6c  
 3 1d 2c 3c 4b 5a 6b 7c 8d  
 4 1 ✗ His wish is for the passionate feeling of things that are possible.  
 2 ✓  
 3 ✗ He believes that reality is sometimes disappointing, but the possibility of something is always exciting.  
 4 ✓  
 5 a intoxicating c fragrant  
 b potential d ardent

**PHILOSOPHY**

**Wittgenstein**

- 2 1c 2a 3e 4f 5d 6b  
 3 1 He met people who were culturally important, such as artists and musicians.  
 2 He started studying aeronautics, but became more interested in mathematics and logic.  
 3 Bertrand Russell thought he was one of his best pupils.  
 4 He gave most of it away (first to artists and then to his family).  
 5 No, it was rejected by publishers.  
 6 He felt that he had solved his philosophical problems.  
 4 1C 2E 3A 4D

- 5 1 ✓  
 2 ✗ He decided not to publish it in his lifetime.  
 3 ✗ He thought language games showed how different meanings could be interpreted from language.  
 4 ✓  
 5 ✗ He believed that theories are based on irrational assumptions.

**MATHS**

**Mathematical modelling**

- 2 an engineer  
 3 1D 2A 3F 4B 5C  
 4 1c 2e 3a 4f 5d 6b  
 5 1 ✗ There are many forms.  
 2 ✓  
 3 ✓  
 4 ✗ The variables are represented as vectors.  
 5 ✗ A model is black box or white box depending on how much information is available.  
 6 ✗ A black box model doesn't have complete information.

**MATHS**

**Analytic geometry**

- 2 1 The study of geometry using algebra to manipulate equations for planes, straight lines, curves, and circles on a coordinate plane.  
 2 Cartesian coordinate system  
 3 modern mathematics  
 4 physics and engineering  
 3 1 the horizontal position  
 2 the vertical position  
 3 x, y  
 4 coordinate axis  
 5 origin, (0,0)  
 6 left, down  
 4 b (6,3)  
 c (-2,-4)  
 d (6,-4)  
 5 1b 2e 3d 4a 5d

**SCIENCE**

**The structure of the atmosphere**

- 2 from 550km to thousands of kilometres from Earth in the exosphere  
 3 1 height 5 coldest  
 2 warmer 6 layers  
 3 winds 7 surface  
 4 sun 8 breathe  
 4 a troposphere c mesosphere  
 b stratosphere d thermosphere  
 5 1D 2F 3A 4E 5B 6C  
 6 1 Because the ground absorbs heat from the sun.  
 2 There is less air pressure, so the molecules move apart and lose heat.  
 3 a layer of strong wind blowing east  
 4 The ozone layer is in the stratosphere, so it is hotter above it than below it.  
 5 Meteoroids burn up in the mesosphere.  
 6 Solar flares can increase the number of ions and interfere with the transmission of radio waves.

**SCIENCE**

**Biomolecules**

- 1 b Because it does not occur naturally in living organisms.  
 2 1 4 2 2 3 20 4 3 5 5  
 3 1 carbohydrate 3 protein  
 2 lipid 4 nucleic acid  
 4 1 carbohydrate 3 lipid  
 2 protein 4 nucleic acid  
 5 1 ✓  
 2 ✓  
 3 ✓  
 4 ✓  
 5 ✗ Lysine is used in the body to produce enzymes and hormones.  
 6 ✓

**SCIENCE**

**Biochemical processes: genetic engineering**

- 2 1 The project aims to identify the estimated 20,000 to 25,000 genes in human DNA.  
 2 agriculture, medicine, and research  
 3 By providing a healthy gene to replace the unhealthy gene, some diseases can be treated.
- 3 1C 2A 3F 4B 5E
- 4 1f 2a 3b 4e 5c 6d
- 5 1  It means that there are variations in eye and hair colour.  
 2   
 3   
 4  GM food isn't considered safe by everyone because the effects on the environment aren't known.  
 5  Genetic engineering is being applied in trying to find a cure for cancer.  
 6
- 6 They are used because they can go into cells with genetic information.
- 7 1b 2a 3b 4d

**SCIENCE**

**Weather processes**

- 2 a insolation                      c condensation  
 b precipitation                    d evaporation
- 3 1 Weather relates to short term atmospheric conditions. Climate describes average weather conditions over a period of time.  
 2 It is converted into energy.  
 3 absorption, scattering, and reflection  
 4 air temperature, wind, cloud, and precipitation  
 5 It's when water vapour collides and joins with tiny particles of salt and dust floating in the atmosphere.  
 6 They form when moist air cools.  
 7 It forms when cloud droplets collide and join together.
- 4 1d 2a 3c 4e 5b
- 5 1F 2D 3B 4E 5A 6C

**PHYSICS**

**Electromagnetism**

- 2 a void  
 b interact  
 c gravity  
 d equation  
 e particle
- 3 1c 2a 3b 4a 5c 6d

**PHYSICS**

**Electric and magnetic fields**

- 1 All of them have electric fields.
- 2 1 living organisms  
 2 in motion  
 3 strongest  
 4 charged particles  
 5 two  
 6 magnetosphere
- 3 1b 2a 3d 4b 5b 6a
- 4 1  Until recently, scientists haven't known that insects can sense electric fields.  
 2   
 3   
 4  When bumblebees land on a flower, the electric field becomes more positively charged.  
 5  They use the information to find out if other bees or pollinators have visited the flower.  
 6

**PHYSICS**

**Galileo's laws of scaling**

- 3 1 flies                                      5 jug  
 2 Italian                                    6 fridge  
 3 world                                      7 safe  
 4 smaller                                    8 size
- 4 1  Galileo's work is still influential in modern physics.  
 2  As the width of an object is doubled, the surface area is squared.  
 3   
 4  The larger an object is, the smaller surface area to volume ratio it will have.  
 5  The jelly needs to be elastic but firm.  
 6

- 5 1d 2a 3e 4b 5f 6c

- 6 1 Objects on Earth are affected by gravity.  
 2 Humans have a small surface area compared to volume, so we are affected by gravitational forces.  
 3 friction and adhesion  
 4 They are less affected by gravity, and they can use friction and adhesion to stick to walls.  
 5 If an insect is light, it won't break the surface tension of the water.  
 6 By spreading it out over six legs.  
 7 The point of the paper clip breaks through the meniscus.  
 8 the meniscus of the water