



# Knowledge Organiser

## General Studies Year 8 Term 1

Dealing with emergencies, first aid, road safety and organ/blood donation.

### Lesson Content

<b>Lesson One</b>	<b>What to do in an emergency:</b> Learners will know how to make an emergency call using effective communication and thus, they will be able to manage an emergency incident.
<b>Lesson Two</b>	<b>Bite, Stings and Minor Bleeds:</b> Learners will know how to treat some minor injuries in a way which reduces the risk of cross contamination.
<b>Lesson Three</b>	<b>Shock and Fainting:</b> Learners will know how to conduct a primary survey in an emergency situation and how important a first aid kit is when they are dealing with some situations. In addition learners will be able to respond to a casualty in shock and a casualty who has fainted.
<b>Lesson Four</b>	<b>Seizures and CPR:</b> Learners will know how to put someone into the recovery position and understand the different techniques used for resuscitation. In addition they will be able to respond to a casualty having a seizure
<b>Lesson Five</b>	<b>Road Safety:</b> Learners will know their responsibilities as a pedestrian, a passenger and a future driver. They will understand what dangerous habits road users might use and they will be able to make recommendations for safer road habits in some scenarios.
<b>Lesson Six</b>	<b>Blood, organ and stem cell donation:</b> Learners will know what blood donation, organ donation and stem cell donation are. They will understand how the law changed on 20 <sup>th</sup> May 2020 in relation to organ donation and they will be able to evaluate some of the ethics around these techniques / procedures. Most importantly, students will not be taught whether this is right or wrong, <b>that is for them to decide.</b>

### Key Questions

What is the purpose of blood, oxygen and stem cell donation?

What are the main risks for road users (on foot and on/in vehicles) and how can those risks be reduced?

How do you get help in an emergency situation and perform basic first aid including CPR?

## Key Words and Vocabulary

**Lesson One**  
**Emergency** – a serious, unexpected, and often dangerous situation requiring immediate action.  
**Casualty** – a person injured or killed in an accident

**Lesson Two**  
**Allergic reaction** – when the immune system over reacts to a harmless substance known as an allergen  
**Allergen** – a substance that causes an allergic reaction

Reflection Task: How will you change the way you conduct yourself on and near the roads?

## Key Words and Vocabulary

**Lesson Three**  
**Primary survey** – the actions you take to find out if a casualty has any conditions or injuries that are life threatening  
**DR ABC** – The actions you take during the primary survey: Danger, Response, Airway, Breathing, Circulation.  
**Shock** - is a critical condition brought on by the sudden drop in blood flow through the body. When a person is in shock, his or her organs aren't getting enough blood or oxygen.  
**Faint** - when your brain temporarily doesn't receive enough blood supply, causing you to lose consciousness.

**Lesson Four**  
**Recovery position** - a position that will stop an unconscious person from choking  
**Seizure** - a sudden, uncontrolled electrical disturbance in the brain  
**Absent seizure** - where a person loses awareness of their surroundings for a short time. Often this looks like the person is day dreaming.  
**CPR (Cardiopulmonary resuscitation)** – a life saving technique designed to get oxygen into a casualty's lungs and keep it pumping through the body.

**Lesson Five**  
**Pedestrian**- a person using roads or pavements, on foot.

**Lesson Six**  
**Blood donation** – when someone gives some of their own blood or receives blood from someone else.  
**Organ donation** – when a person has died and their organs are used for someone else.  
**Stem cell research** – finding out how stem cells can be used to help treat people with diseases and injuries. EG Spinal injuries, Alzheimers.  
**Ethics** – the moral principles that govern a person's actions and behaviour



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## PSHE Association aims

### Health and Wellbeing

H15	The purpose of blood, organ and stem cell donation (KS4)
H30	Identifying risk and managing personal safety in increasingly independent situations (KS3)
H33	How to get help in an emergency and perform basic first aid including CPR (KS3)