

## MATTER QUIZ KEY

1. Proton – positively charged particle.
2. Covalent Bond – the sharing of electrons between atoms.
3. Compound – two or more substances chemically combined.
4. Atoms – the building blocks of matter.
5. Neutron – a particle with no charge.
6. Ionic Bond – the transfer of electrons from one atom to another.
7. Matter – anything that takes up space and has mass.
8. Molecules – the smallest part of a compound.
9. Electron – a negatively charged particle.
10. Ion – a charged particle.
11. Isotope – an element with the same amount of protons and electrons but a different number of neutrons.

## MATTER QUIZ KEY

1. Proton -- positively charged particle.
2. Covalent Bond -- the sharing of electrons between atoms.
3. Compound -- two or more substances chemically combined.
4. Atoms -- the building blocks of matter.
5. Neutron -- a particle with no charge.
6. Ionic Bond -- the transfer of electrons from one atom to another.
7. Matter -- anything that takes up space and has mass.
8. Molecules -- the smallest part of a compound.
9. Electron -- a negatively charged particle.
10. Ion -- a charged particle.
11. Isotope -- an element with the same amount of protons and electrons but a different number of neutrons.

## CRIME SCENE QUIZ KEY

1. RIGOR MORTIS – OCCURS AFTER DEATH AND RESULTS IN THE STIFFENING OF THE BODY PARTS IN THE POSITION THEY ARE IN WHEN DEATH OCCURS.
2. PHYSICAL EVIDENCE – ANY OBJECT THAT CAN ESTABLISH THAT A CRIME HAS OR HAS NOT BEEN COMMITTED OR CAN LINK A CRIME AND ITS VICTIM OR ITS PERPETRATOR.
3. STANDARD / REFERENCE SAMPLE – PHYSICAL EVIDENCE WHOSE ORIGIN IS KNOWN, SUCH AS BLOOD OR HAIR FROM A SUSPECT, THAT CAN BE COMPARED TO CRIME SCENE EVIDENCE.
4. ALGOR MORTIS – REFERS TO POSTMORTEM CHANGES THAT CAUSE A BODY TO LOSE HEAT.
5. BUCCAL SWAB – TAKEN FROM THE INNER CHEEK TO COLLECT CELLS FOR USE IN DNA DETERMINATION.
6. FINISHED SKETCH – A PRECISE RENDERING OF THE CRIME SCENE, USUALLY DRAWN TO SCALE.
7. CHAIN OF CUSTODY – THE LIST OF PEOPLE WHO CAME INTO POSSESSION OF AN ITEM OF EVIDENCE.
8. LIVOR MORTIS – OCCURS AFTER DEATH AND RESULTS IN THE SETTLING OF BLOOD IN AREAS OF THE BODY CLOSEST TO THE GROUND.
9. ROUGH SKETCH – A DRAFT REPRESENTATION OF ALL ESSENTIAL INFORMATION AND MEASUREMENTS AT A CRIME SCENE.
10. SUBSTRATE CONTROL – THE UNCONTAMINATED SURFACE MATERIAL CLOSE TO AN AREA WHERE PHYSICAL EVIDENCE HAS BEEN DEPOSITED.
11. AUTOPSY – THE MEDICAL DISSECTION AND EXAMINATION OF A BODY IN ORDER TO DETERMINE THE CAUSE OF DEATH.