| Year Grou | p: 7 Subject: Science | Term: Spring 2020 | | |
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| Topic Biology: Reproduction | Key Learning points End Point: To describe different methods of reproduction and focus specifically on human development and growth from birth to adolescence. • Know that all living organisms need to reproduce so that their species can continue to exist • Know that sex cells are called gametes and the human gametes are the sperm cell and the egg cell • Know that sex cells are called gametes and the human gametes are the sperm cell and the egg cell • Know that sex cells are called gametes and the human gametes and that this process is called fertilisation • Know that sex cells are called gametes and the human gametes and that this process is called fertilisation • Know that sex cells are called gametes and the human gametes and that this process is called fertilisation • Know that new organisms produced by reproduction are called offspring • Describe changes to males and females during puberty • Know the function of the male and females during puberty • Know about menstrual well-being, the range of products available and where to seek help • Understand what is meant by a 'healthy intimate relationship' • Describe the process of sexual intercourse and understand the term 'consent' • Describe the process of pregnancy and childbirth Ended Point: Have a stron | | AssessmentStudents will be formatively assessed during each topic by weekly multiple-choice tests in class:• Before each assessment students will complete a revision homework• After each assessment there will be an opportunity | |
| Chemistry: Separating Mixtures | | | | |
| Physics: Forces and Energy | Apply knowledge of forces to explain scenarios such as between stores of energy. Identify simple forces and know what is meant the Describe forces as balanced or unbalanced and more forces are acting on a single object Know how to draw accurate force diagrams Describe whether an object will float or sink, using investigate how elastic objects change shape with the following stores of energy; kinetic, Describe how energy is not produced or destroy | by a contact and non-contact force d know that the resultant force is the total force when two or ing understanding of weight and upthrust when a force is applied (extension of a spring) chemical, elastic, gravitational and thermal | will be a 45-mark exam paper (15 marks from each topic), which will be marked by their teacher | |