

Year 10 – OCR Knowledge Organiser – Knowledge Map Example

Year 10 Knowledge Concepts:

		Topic(s):	Key Concepts Explored:
Autumn 1 (Yr10)		R057: Health and well-being for child development – L01	Analyse Implement
		<p>Explicit Knowledge (Working knowledge to be explicitly taught within the topic)</p> <p><u>Pre-conception health and reproduction</u></p> <p>1.1 Factors affecting pre-conception health for women and men</p> <ul style="list-style-type: none"> • why pre-conception health matters • how each of these factors can affect the chances of conceiving for women and men <p>1.2 Other factors affecting the pre-conception health for women</p> <ul style="list-style-type: none"> • the reasons for taking folic acid before pregnancy • the importance of the mother being up to date with immunisations <p>1.3 Types of contraception methods and their advantages and disadvantages</p> <ul style="list-style-type: none"> • how each type prevents pregnancy • effectiveness if used correctly • availability • suitability of choices for personal circumstances such as breastfeeding 	<p>Remembered Knowledge (knowledge that must be retained and remembered over time)</p> <p>Factors affecting -</p> <ul style="list-style-type: none"> <input type="checkbox"/> Weight <input type="checkbox"/> Smoking <input type="checkbox"/> Drinking alcohol <input type="checkbox"/> Taking recreational drugs <input type="checkbox"/> Parental age <p>Other factors –</p> <ul style="list-style-type: none"> <input type="checkbox"/> Folic acid <input type="checkbox"/> Up to date immunisations <p>Types of contraction methods –</p> <ul style="list-style-type: none"> <input type="checkbox"/> Barrier methods ♣ Male condoms ♣ Female condoms ♣ Diaphragm or cap <input type="checkbox"/> Hormonal methods ♣ Contraceptive pills

	<p>1.4 The structure and function of the reproductive systems</p> <p>1.4.1 The structure and function of the female reproductive system</p> <ul style="list-style-type: none"> • know parts of the male and female reproductive systems on a diagram • how each part of the male and female reproductive system works • what happens during the menstrual cycle from the first day of woman's menstruation (a period) to the day before her next period <p>o interpret a menstrual cycle diagram</p> <p>1.4.2 The structure and function of the male reproductive system</p> <p>1.5 How reproduction takes place</p> <ul style="list-style-type: none"> • know what happens during reproduction • when the embryo becomes a foetus • how multiple pregnancies occur <p>1.6 The signs and symptoms of pregnancy</p> <ul style="list-style-type: none"> • know the common signs and symptoms 	<ul style="list-style-type: none"> o Combined pill o Progesterone only pill (POP) ♣ Contraceptive injection ♣ Contraceptive implant ♣ Intrauterine device ♣ Intrauterine system ♣ Emergency contraceptive pill □ Natural family planning ♣ Temperature method ♣ Cervical mucus method ♣ Calendar method <p>Structure and function of the female reproduction system -</p> <ul style="list-style-type: none"> □ Ovaries □ Fallopian tubes □ Uterus/womb □ Cervix □ Vagina □ The menstrual cycle <p>Structure and function of the male reproduction system -</p> <ul style="list-style-type: none"> □ Testes □ Sperm duct/epididymis □ Urethra □ Penis ♣ Vas deferens ♣ Seminal vesicle <p>How reproduction takes place</p>	
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<p>Big Questions</p> <ol style="list-style-type: none"> 1. What are the factors affecting pre-conception health for women and men? 2. What are the three types of contraception methods and their advantages and disadvantages? 3. What is the structure and function of the reproductive systems? 4. How does reproduction take place? 5. What are the signs and symptoms of pregnancy? 			
<p>Key Vocabulary (that must be explicitly taught to help students to <i>understand</i>)</p> <p>Pre-conception health – a woman’s health before she becomes pregnant</p> <p>Immunisations – the process of getting the vaccine and becoming immune to the disease</p>			