

Child Development

Year 10

Summer Challenge



Aims:

The summer challenge is designed to support you in consolidating your Year 10 knowledge and preparing for Year 11 study.

This is important because research indicates that students forget a significant proportion of their learning during the long summer holidays when they do not engage in school tasks.

Instructions:

- Complete all tasks in the summer challenge.
- You can choose to handwrite or type your work.
- All tasks must be submitted during your 2nd lesson back to school in Year 11.
- If you research information to help you, include references in your work.

Tasks:

Consolidating your Year 10 Exam Knowledge

1. Topic 1 – Reproduction
 - a. Vocabulary Practice
 - b. Factors affecting pre-conceptual health leaflet
2. Topic 2 – Antenatal Care
 - a. Producing a Revision Guide

Preparing for Year 11 Coursework

3. The Development of Children
 - a. Stages of play essay
 - b. Evaluating a local play park.
 - c. Researching activities that support development

Topic 1 - Reproduction

a. Vocabulary Practice

i) Write a definition of each of the keywords.

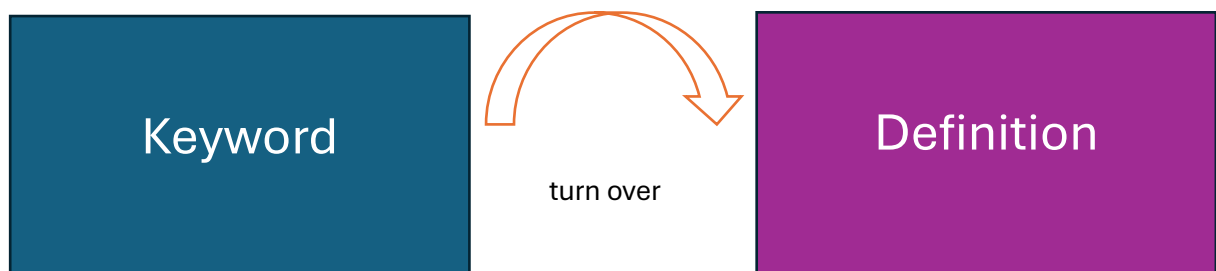
Keyword	Definition
Ovary	
Fallopian Tube	
Uterus	
Cervix	
Vagina	
Menstrual Cycle	
Period	
Ovulation	
Seminal Vesicle	
Sperm Duct	
Penis	
Vas Deferens	
Urethra	
Testes	
Ejaculation	
Fertilisation	
Implantation	
Conception	
Contraception	
Natural Family Planning	

Temperature method	
Cervical mucus method	
Calendar method	
Barrier method of contraception	
Condom	
Diaphragm	
Hormonal method of contraception	
Contraceptive Pill	
Contraceptive implant	
IUD – intrauterine device	
Immunisation	
Folic acid	

- ii) Build a set of flashcards on these keywords.
Use these flashcards every few days to test what you can remember – aim to remember 28 out of 32 by the end of the holiday!

A guide to making flashcards:

- *Fold a piece of paper/card to get 8 sections*
- *Cut along the folds – you now have 8 flashcards*
- *On one side of the flashcard, write the keyword.*
- *On the other side of the flashcard, write the definition.*



- b. Many factors can affect the preconception health of men and women. Pre-conception health is vitally important in increasing and protecting fertility, maximising the chances of conception and a healthy pregnancy.

Make a leaflet on the factors that can affect female and male preconception health. Explain how each factor can impact fertility and what couples should do if they are trying for a baby.

Factors to include:

- Age
- Weight
- Smoking
- Alcohol
- Drugs

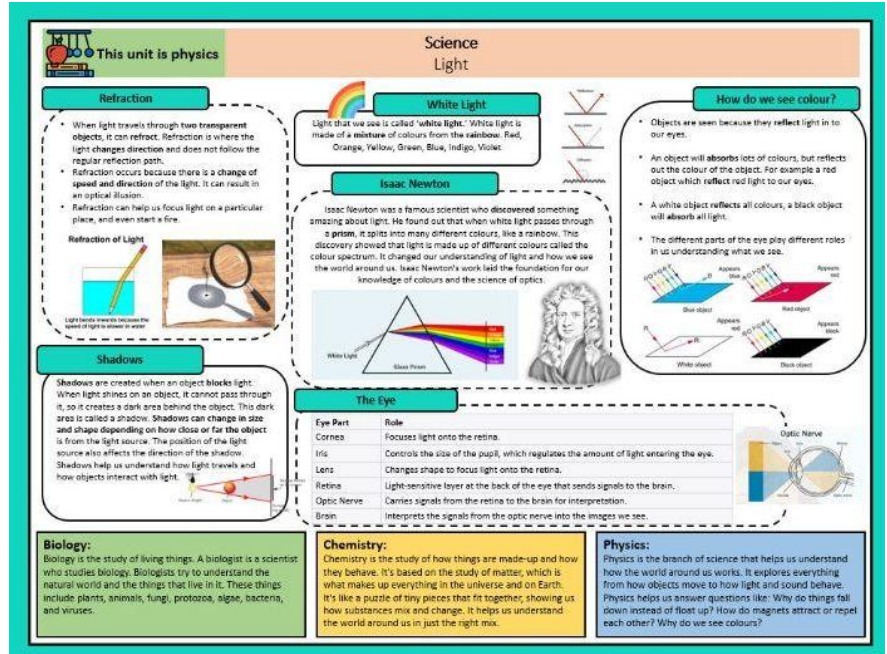
Topic 2 – Antenatal Care

- a. Produce a knowledge organiser for this topic.

Your knowledge organiser should be at least 2 pages of A4.

You can follow any layout you choose – we recommend you include helpful pictures and shapes to keep information organised.

Example knowledge organiser →



Your knowledge organiser should include the following topic areas:

- Professionals involved in antenatal care and what they do.
- What to expect at antenatal appointments, including the routine checks and their purpose.
- Screening tests – how these work and what they're for.
- Diagnostic tests – how these work and what they're for.
- The purpose of antenatal classes and what you learn
- Foods to avoid during pregnancy

The Development of a Child

a. The stages of play

Research the 4 main stages of play:

- Solitary
- Parallel
- Associate
- Co-operative

Write a 400–500-word essay describing how the play of a child changes across the ages of 0-5 years.

Include all 4 stages of play, and state the age that children typically engage in that type of play.

Remember to include your references at the end (these do not count within the 400 – 500 words)

b. Evaluating your Local Play Area

Visit your local play area.

Complete the summary below to evaluate the facilities on offer.

What facilities/equipment are in the play area?

How does the play area support a young child's physical development?

How does the play area support a young child's intellectual development?

How does the play area support a young child's social development?

Conclusion...

What's good about the play area?

What could be improved in the play area?

c. Activities that Support Development

Research 5 activities that support INTELLECTUAL development of children aged 2-3 years.

Create a mind map of these activities.

Include:

- details of what the activity is/how it works
- what is needed for the activity (e.g. materials required),
- how the activity supports intellectual development.

Example mind-map layout:

