





















CB7 Animal Coordination, Control and Homeostasis







CB7a Hormones

Step	Learning outcome	Had a look	Nearly there	Nailed it!
	State where hormones are produced (in endocrine glands).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Describe the general role of hormones in the body.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Describe how hormones are transported around the body.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Describe the production and release of some common hormones from their endocrine glands (pituitary gland, thyroid gland, pancreas, adrenal glands, ovaries and testes).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Identify the target organs of some common hormones.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Explain the importance of hormones.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>






CB7b Hormonal control of metabolic rate

Step	Learning outcome	Had a look	Nearly there	Nailed it!
	 Describe the effects of adrenalin on the body.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	 Explain how adrenalin prepares the body for fight or flight.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	 Define metabolic rate.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	 Describe the effect of thyroxine on metabolic rate.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	 Describe how a negative feedback mechanism works.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	 Explain how negative feedback controls the production of thyroxine.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	 Explain why negative feedback mechanisms are important in living organisms.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>







CB7c The menstrual cycle

Step	Learning outcome	Had a look	Nearly there	Nailed it!
	Describe what happens during the menstrual cycle.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Describe the function of oestrogen in the menstrual cycle.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Describe the function of progesterone in the menstrual cycle.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Explain how barrier methods can be used as contraception.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Explain how hormones can be used as contraception.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Compare, contrast and evaluate hormonal and barrier methods of contraception.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>






CB7d Hormones and the menstrual cycle

Step	Learning outcome	Had a look	Nearly there	Nailed it!
	H Describe how changes in hormones affect the uterus wall, ovulation and menstruation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	H Explain how oestrogen, progesterone, FSH and LH interact in the menstrual cycle.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	H Describe examples of Assisted Reproductive Technology (ART).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	H Explain how clomifene is used to stimulate ovulation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	H Explain how hormones are used in IVF treatment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CB7e Control of blood glucose

Step	Learning outcome	Had a look	Nearly there	Nailed it!
	Define homeostasis.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Explain why a constant internal environment is important.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Explain the role of insulin in regulating blood glucose concentration.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	H Explain the role of glucagon in regulating blood glucose concentration.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Explain how type 1 diabetes is caused.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Explain how type 1 diabetes can be controlled.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

CB7f Type 2 diabetes

Step	Learning outcome	Had a look	Nearly there	Nailed it!
 7 th	Explain how type 2 diabetes is caused.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 7 th	Explain how type 2 diabetes can be controlled.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 6 th	Describe the correlation between body mass and type 2 diabetes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 7 th	Explain how BMI and waist : hip ratio are related to body mass.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 8 th	Evaluate the correlation between body mass and type 2 diabetes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>