




















**CB7 Animal Coordination, Control and Homeostasis****CB7a Hormones**

Step	Learning outcome	Had a look	Nearly there	Nailed it!
 6 <sup>th</sup>	State where hormones are produced (in endocrine glands).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 6 <sup>th</sup>	Describe the general role of hormones in the body.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 6 <sup>th</sup>	Describe how hormones are transported around the body.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 6 <sup>th</sup>	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"/>
 6 <sup>th</sup>	Identify the target organs of some common hormones.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 7 <sup>th</sup>	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!
 6 <sup>th</sup>	<b>H</b> Describe the effects of adrenalin on the body.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 7 <sup>th</sup>	<b>H</b> Explain how adrenalin prepares the body for fight or flight.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 5 <sup>th</sup>	<b>H</b> Define metabolic rate.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 6 <sup>th</sup>	<b>H</b> Describe the effect of thyroxine on metabolic rate.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 7 <sup>th</sup>	<b>H</b> Describe how a negative feedback mechanism works.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 8 <sup>th</sup>	<b>H</b> Explain how negative feedback controls the production of thyroxine.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
 10 <sup>th</sup>	<b>H</b> 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!
	<b>H</b> Describe how changes in hormones affect the uterus wall, ovulation and menstruation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>H</b> Explain how oestrogen, progesterone, FSH and LH interact in the menstrual cycle.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>H</b> Describe examples of Assisted Reproductive Technology (ART).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>H</b> Explain how clomifene is used to stimulate ovulation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>H</b> 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"/>
	<b>H</b> 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"/>