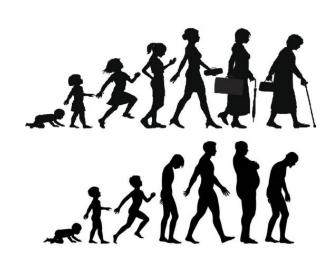
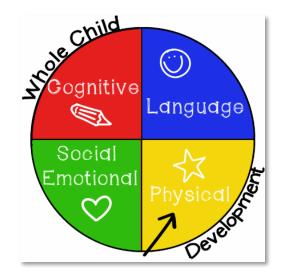
## BTEC Health & Social Care Unit 1 Human Lifespan Development





# Physical Development

A1 Physical Development across life stages

Name;		
-------	--	--

### A1 Physical development across the life stages

Growth and development are different concepts:

- principles of growth growth is variable across different parts of the body and is measured using height, weight and dimensions
- > principles of development development follows an orderly sequence and is the acquisition of skills and abilities.

In infancy (0–2 years), the individual develops gross and fine motor skills:

- the development of gross motor skills
- the development of fine motor skills
- milestones set for the development of the infant sitting up, standing, cruising, walking.

In early childhood (3–8 years), the individual further develops gross and fine motor skills:

- riding a tricycle, running forwards and backwards, walking on a line, hopping on one foot, hops, skips and jumps confidently
- turns pages of a book, buttons and unbuttons clothing, writes own name, joins up writing.

In adolescence (9–18 years), the changes surrounding puberty:

- development of primary and secondary sexual characteristics
- the role of hormones in sexual maturity.

In early adulthood (19–45 years), the individual reaches physical maturity:

- physical strength peaks, pregnancy and lactation occur
- perimenopause oestrogen levels decrease, causing the ovaries to stop producing an egg each month. The reduction in oestrogen causes physical and emotional symptoms, to include hot flushes, night sweats, mood swings, loss of libido and vaginal dryness.

In middle adulthood (46–65 years), the female enters menopause:

• causes and effects of female menopause and the role of hormones in this o effects of the ageing process in middle adulthood.

In later adulthood (65+ years), there are many effects of ageing:

health and intellectual abilities can deteriorate

You can be tested and asked questions about any of the above, in your exam!

Good Advice; Get in the habit of working from a planned revision weekly timetable....

The exam board design questions of varying difficulties and then allocate marks depending on the degree of difficulty. Each time you learn about a topic area, you need to come up with questions you anticipate, may be asked, using the guidance below and on the next page. This will be your homework task after each lesson and something you can do, working in pairs in your study periods.

# **Assessment Outcomes**

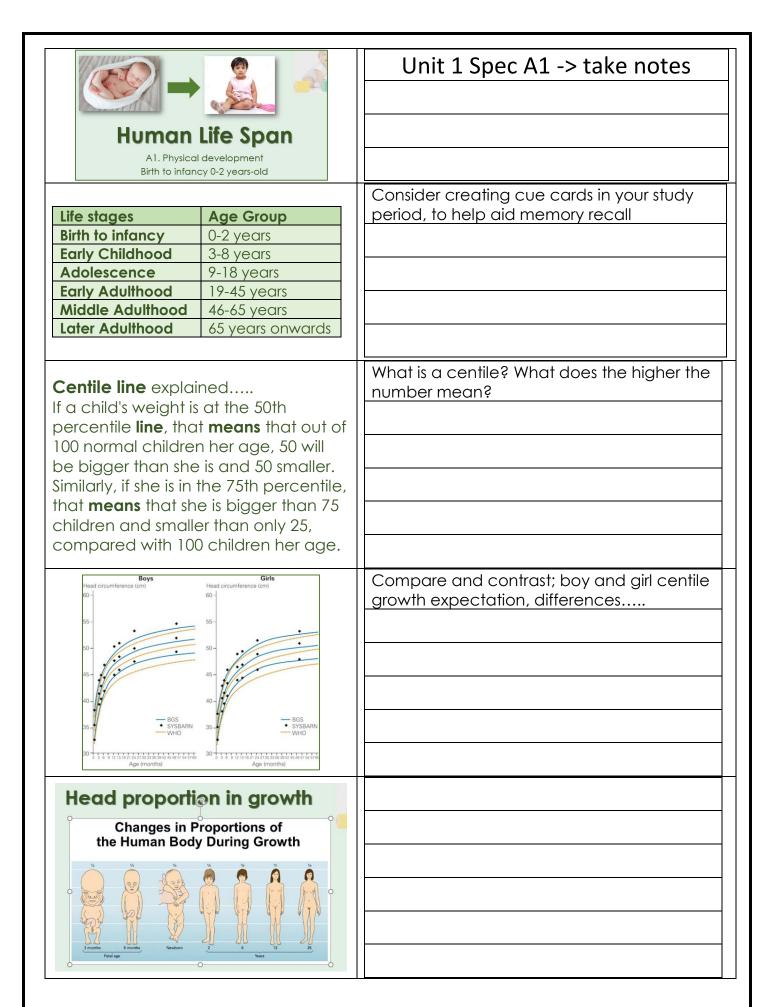
Assessment outcomes	Definition	Command words	Marks
AO1	<ul> <li>Demonstrate knowledge of:</li> <li>physical, intellectual, emotional and social development across the human lifespan</li> <li>factors affecting human growth and development</li> <li>the effects of ageing</li> </ul>	Describe Discuss Evaluate Identify Justify To what extent	Ranges from 3 to 6 marks
AO2	<ul> <li>Demonstrate understanding of:</li> <li>physical, intellectual, emotional and social development across the human lifespan</li> <li>factors affecting human growth and development</li> <li>the effects of ageing</li> </ul>	Describe Discuss Evaluate Explain Justify Outline To what extent Which	Ranges from 1 to 6 marks
AO3	<ul> <li>Analyse and evaluate information related to:</li> <li>human development theories/models</li> <li>factors affecting human growth and development</li> </ul>	Evaluate	10 marks
AO4	<ul> <li>Make connections between theories/models in relation to:</li> <li>human development</li> <li>factors affecting human growth and development</li> <li>effects of ageing</li> </ul>	Discuss Evaluate Justify To what extent	Ranges from 10 to 12 marks

# **Command Words in Exam Questions**

	Give a clear, objective account in your own words showing recall, and in
	some cases application, of the relevant features and information about a subject.
Describe	Example: 'Describe gross and fine motor skills in relation to'.
	Top tip; imagine sitting with your grandma and describing something to her, if at the end of the conversation, she doesn't fully understand, you haven't described it well enough
	Consider different aspects of a topic, how they interrelate and the extent
	to which they are important.
Discuss	Example: 'Discuss how <b>both</b> the environment <b>and</b> genetic factors may account for'.
	Draw on varied information, themes or concepts to consider aspects such
	as strengths or weaknesses, advantages or disadvantages, alternative actions, and relevance or significance.
Evaluate	
	Example: 'Evaluate possible explanations for the development of'.  Associate the word evaluate with POSTIVE< NEGATIVE< CONCLUSION
	Show you understand the origins, functions and objectives of a subject and
	its suitability for purpose. Give reasons to support an opinion, view or
Explain	argument, with clear details.
	Example, 'Explain two possible features of the development of'.
	Top tip; Associate the word explain, with the word BECAUSE
	Indicate the main features or purpose of something, and/or are able to
Identify	discern and understand facts or qualities.
,	Example, 'Identify the services that might be available to'.
	Give reasons or evidence to support an opinion or prove something right or
Justify	reasonable.
3031117	Example: 'Justify how overcoming'.
	Provide a summary or overview or a brief description of something.
Outline	Example, 'Outline ways in which X might affect their physical health.'
	Show clear details and give reasons and/or evidence to support an
To what	opinion, view or argument. It could show how conclusions are drawn (arrived at).
extent	
	Example: 'To what extent might recent'.
	Specify one or more items from a definite set.
Which	Example: 'Which body part'.

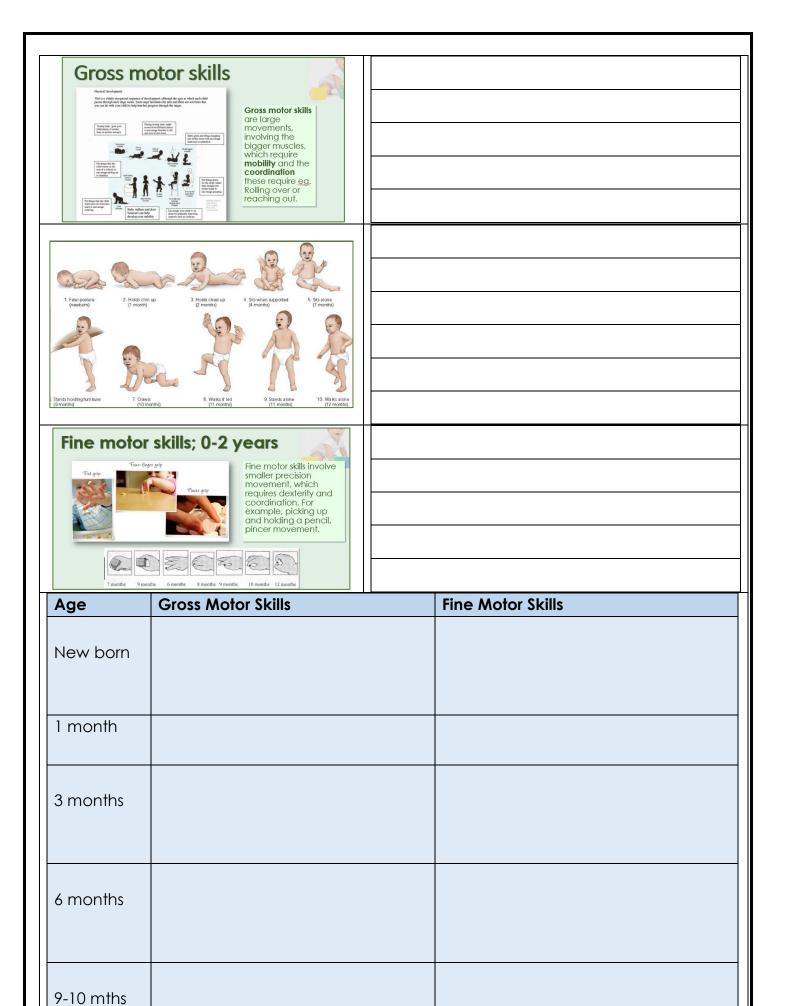
Key Term	Definition

Outline the principles of growth
Outline the principle of development
Confine the philaple of development
Explain the differences and how growth and development interrelate
Describe what the centile lines and chart is and what it's purpose is
Describe what is meant by a milestone and give two examples



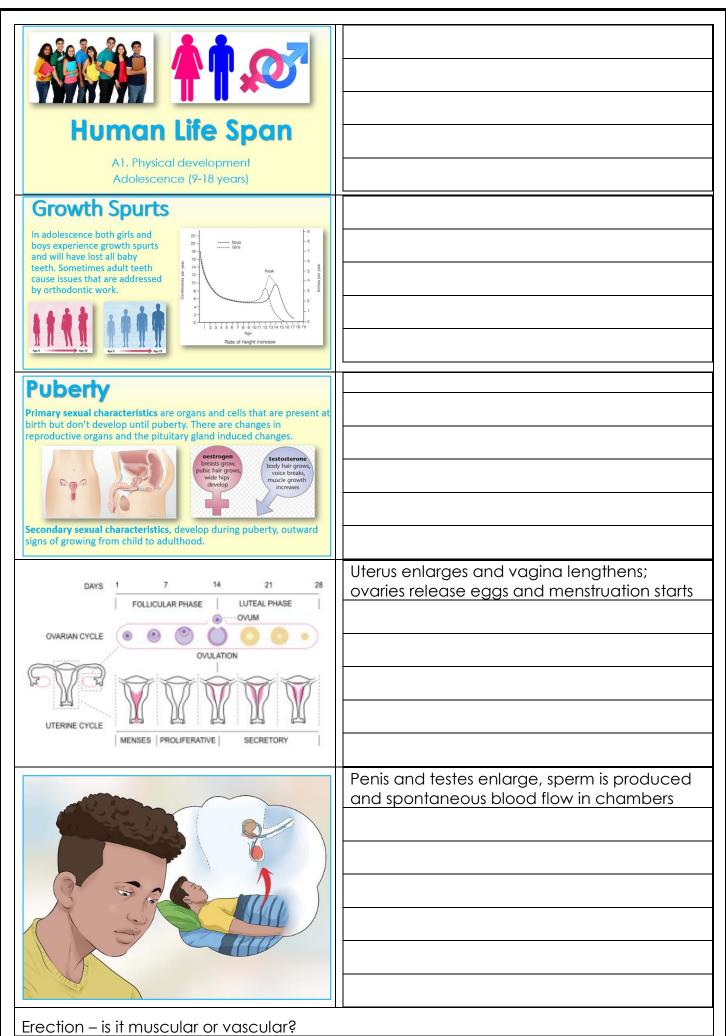
Is a baby girl on the 54th Centile for weight, above or below the average in the UK?

Complete this tabl	e with the guidance in the PowerPoint presentation and card match
Primitive reflex	Description of reflex action
Glabellar reflex	
Snout reflex	
Rooting reflex	
Sucking reflex	
Palmomental reflex	
Grasp reflex	
Moro reflex	
Galant reflex	
Asymmetric Tonic neck reflex	
Babkin reflex	
Placing reflex	
Walking reflex	
<b>7.</b> I. D. a. g. a.	

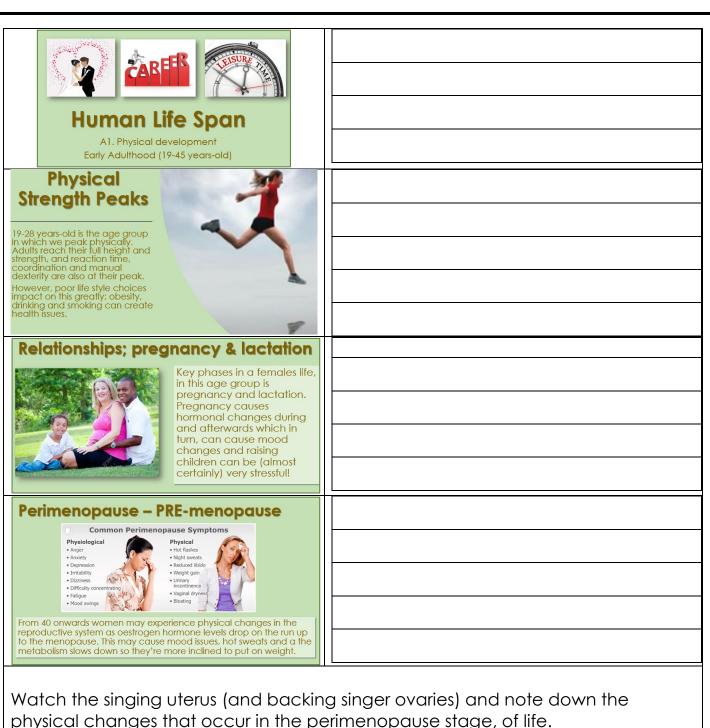


12-13 mnths	
18 mnths	
2 years	
2½ years	
	motor skill changes, he will experience

Aci (2) Applie A B A A A A	La Salas			
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Humo	an Life Span			
	hysical development :hildhood 3-8 years-old			
	ill changes 3-8 years	<u>                                     </u>		
Gross motor six	During the preschool years			
	(ages 3/4) and primary school key stage 1 & 2 (aged 5-8) a child learns various new gross motor skills. These new skills are vital for playing with their peers. Each child learns these at a different rate, however the following is an general outline of the development of gross motor skills during the preschool years.			
PHYSICAL  DEVELOPMEN  Thus the chief's physical growth and more a distint	Have a look at this poster			
This is the chief a physical growth and hour at chiefs? A control this body changes; hip yould get a person of the control this body changes; hip yould get a person of the control this co	and carry out your own research task, using the NHS birth to five developmental timeline as well as			
Time Motor (Menipulative) Skills: the ability to perform small fit  AGE GROSS MOTOR SKILLS  TIME MOTOR (MANAS  BOTTS  BOTTS  TOTAL SKILLS  TIME MOTOR (MANAS  TIME	further research  Complete the gross and fine motor			
BESTES State year and the state of the state	skills table as you did for 0-2 years, in your booklet.			
12 South to go and so the street of the stre	When can children * run forwards and backwards * button and unbutton clothes * write their own name			
TILES  And to receive a re	* use joined up writing  * walk in a straight line  * turn pages in a book			
	* ride a bike on their own			
THANS and hops.  Hes good to send on s	* use a skipping rope well			
Trade in road	* use a skipping rope well	elow		
Home work Ta	* use a skipping rope well  sk — Complete the table b  Gross Motor Ski		Fine Motor Skills	
Home work Ta	* use a skipping rope well  sk – Complete the table b		Fine Motor Skills	
Home work Ta	* use a skipping rope well  sk – Complete the table b		Fine Motor Skills	
Home work Tax Age 2-3 years-old	* use a skipping rope well  sk – Complete the table b		Fine Motor Skills	
Home work Tas Age 2-3 years-old 3-4 years-old	* use a skipping rope well  sk – Complete the table b		Fine Motor Skills	
Home work Tas Age 2-3 years-old 3-4 years-old 4-5 years-old	* use a skipping rope well  sk – Complete the table b		Fine Motor Skills	

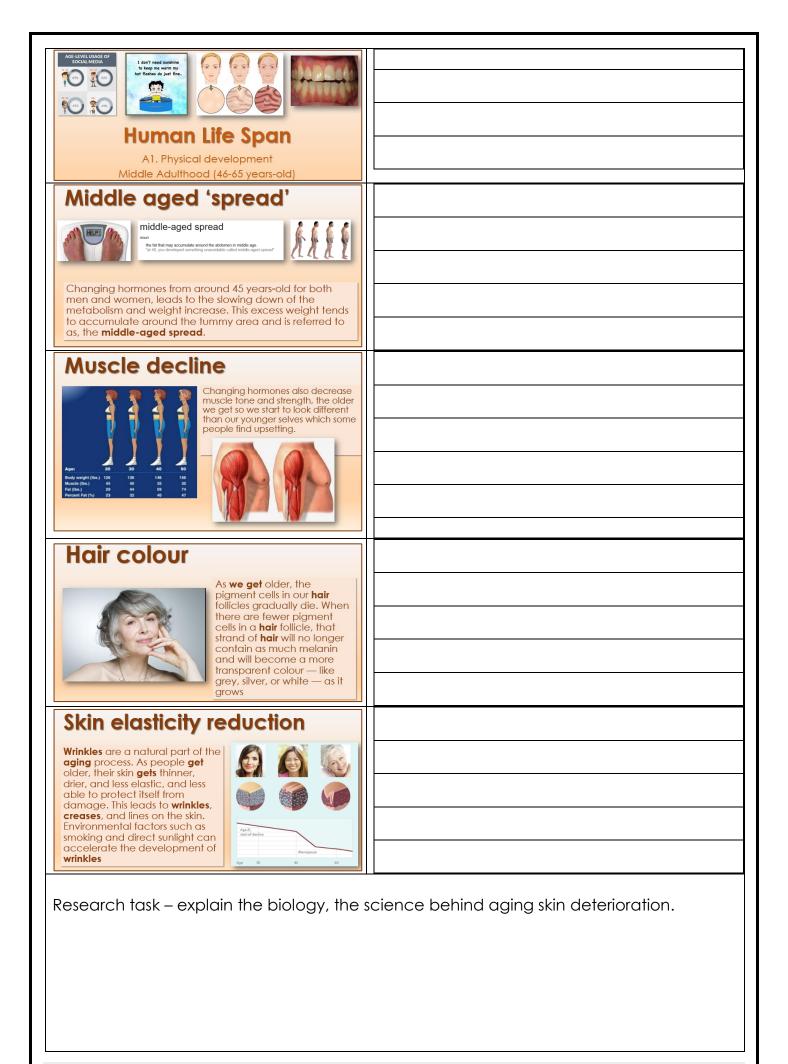


Homework > complete this table – page 7 BTE	EC text book
Primary Sexual Characteristics – chan	ges in puberty
Female	Male
Secondary Sexual Characteristics – ch	
Female	Male
Evam question: describe the primary sevual chara	actoristic changes that happens to a female
<b>Exam question</b> ; describe the primary sexual chard	acteristic changes that happens to a terrale

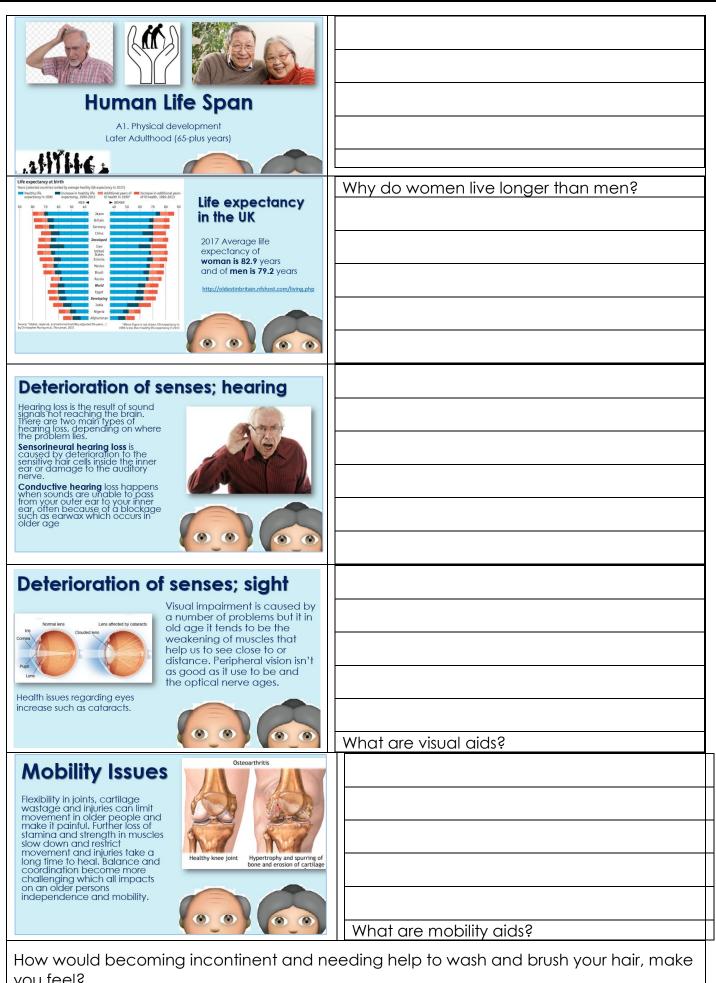


physical changes that occur in the perimenopause stage, of life.

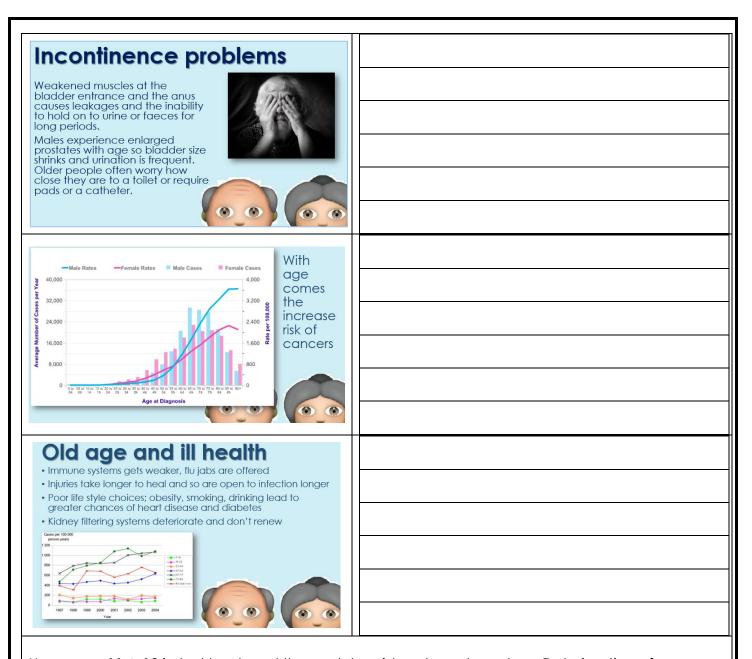
1	
2 .	
3	28
	Total for Question 4 = 6 mark
ear	ch task – what are the physical change sat take place in a women who ng – name the hormone and receptors that cause these change.



### Receding gum line Almost 10,000 people found that 38% of people aged 30-39 had some degree of the receding gums, compared with 71% in the 50-59 age group, and 90% for those aged between 80-90. This causes sensitivity, infections and tooth loss as they become The menopause The **menopause** is when a woman stops having periods and is no longer able to get pregnant naturally. ... The menopause is a natural part of ageing that usually occurs between 45 and 55 years of age, as a woman's oestrogen levels decline. In the UK, the average age for a woman to reach the **menopause** is 51. **Gonadotropins** Menopause An increase in gonadotropins that try to stimulate failing egg production causes a female to experience hot flushes and nights sweats, which can leave them feeling tired and dizzy. Bone density means the composition of the bone which impacts on how hard it is. Decreasing bone mass 1500 with age Male ء. 1250 mass al calcium 1000 Bone ma s of skeletal o 750 Bone loss due 500 mass (total 10 20 30 40 50 60 70 80 90 Age (in years) Homework exam question; Why does aging hair go grey/white, explain the biology.



you feel?



Use pages 11 & 12 in text book and the youtube videos to make notes – Deterioration of intellectual abilities

m Questi	<b>on;</b> Discuss the	e impact on s	self-concept	these may ho	ave on an inc	lividual