




3.5.8.H Growth & Development in Bones

Self Assessment

Where is your learning at?

- Green: I know it all
- Orange: I have some idea – check the answers
- Red: I need to start studying this section

	CAN YOU	Green 	Orange 	Red 
1	Say what the skeleton of the embryo is first made of			
2	Explain what an osteoblast is			
3	Explain what cartilage is			
4	What materials bones are composed of			
5	Say where growth occurs in a bone			
6	Distinguish between the head and shaft of a bone			
7	Explain what happens at a growth plate			
8	Say when a skeleton will have reached its adult height			
9	Give the function of cartilage on the tips of the long bone			
10	Give the composition of compact bone			
11	Give the function of compact bone			
12	Explain why bone is called a composite material			
13	Give the composition of spongy bone			
14	Give the function of spongy bone			
15	Say what fill the spaces of spongy bone			
16	Give the function of red marrow			
17	Give the function of yellow marrow			
18	Explain why a bone crumbles if you burn it			
19	Explain why a bone becomes flexible bendy if you put it in acid for a day			

20	Visually identify the main parts of a long bone			
21	Distinguish between osteoclasts and osteoblasts			
22	Explain why most of your bones are less than 10 years old.			
23	Give 2 functions of osteoclasts			
24	Say which mineral in our diet is stored in our bones			
25	Give three functions of Calcium in the body			
26	Name 3 factors that influence the continued renewal of bone in the skeleton			
27	Name two things you can do in your everyday life to help to build up strong bones and teeth.			