

# Human Prenatal Development Timeline

<b>Unit 1: The First Week</b>	
Day 0	Fertilization
Day 5	Blastocyst
Day 6	Implantation begins
	Implantation begins - blastocyst attaches to uterine wall
<b>Unit 2: 1 to 2 Weeks</b>	
1 week, 6 days	Primitive streak
<b>Unit 3: 2 to 3 Weeks</b>	
2 weeks, 3 days	Early thyroid
<b>Unit 4: 3 to 4 Weeks</b>	
3 weeks, 1 day - 4 weeks	Folding of the embryo
4 weeks	Heart rate 113 beats/min
	Upper & lower limb buds
<b>Unit 5: 4 to 5 Weeks</b>	
5 weeks	Head is 1/3 of entire embryo
<b>Unit 6: 5 to 6 Weeks</b>	
6 weeks	Face withdraws to light touch around mouth
<b>Unit 7: 6 to 7 Weeks</b>	
7 weeks	Heart rate peaks 170 beats/minute
<b>Unit 8: 7 to 8 Weeks</b>	
7 ½ weeks	Knee joints
8 weeks	Breathing motion
	Urination
	Brain highly developed
<b>Unit 9: 8 to 9 Weeks</b>	
9 weeks	Thyroid gland weighs 2 grams
	Sighing
	Sucking
	Swallowing
	Thumb sucking
<b>Unit 11: 10 to 11 Weeks</b>	
11 weeks	Nose & lips completely formed
	Thyroid gland weighs 12 grams
<b>Unit 12: 11 to 12 Weeks</b>	
12 weeks	Taste buds throughout mouth
<b>Unit 13: 3 to 4 Months</b>	
14 weeks	Jaw motion more frequent in females
15 weeks	Fat deposits in abdomen, back, kidneys, and shoulders
16 weeks	Fat deposits upper and lower limbs
<b>Unit 19: 9 Months to Birth</b>	

**38 weeks** — Birth

There are 262,144 user-selectable configurations of this timeline.

Heart beats 54 million times before birth