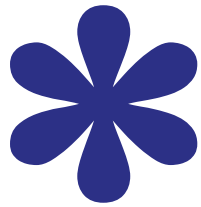


WHEN DOES
L?FE
BEGIN

A Timeline of Fetal Development





CONCEPTION

FIRST TRIMESTER

- Unique human DNA is present, distinct from the DNA of both mother and father. Only humans have human DNA.
- Rapid growth is taking place. Only living beings grow.
- The baby has either male or female chromosomes.
- Nothing new will be added to this person from now until the moment he eventually dies. He will simply grow and develop.

>> VOTE



3

WEEKS

FIRST TRIMESTER

- Blood vessels have formed.
- The baby's heart began to beat at 18 days and is now pumping his unique blood, distinct from the blood of his mother, through his fully formed veins.
- The foundations of the brain, spinal cord, and nervous system are all in place.
- The baby's eyes have begun to form.
- This is the earliest the Mom might be able to determine that she is pregnant, via a pregnancy test or physical changes.

>> VOTE





6

WEEKS

FIRST TRIMESTER

- The brain has been divided into its 3 parts: emotion, hearing, and sight.
- The part of the brain that controls complex thinking and reasoning, which is not present in any mammal other than humans, has begun to form.
- The baby's skeleton is in place.
- Ear and respiratory systems are forming.
- Reflex responses are present.
- The baby is beginning to move.

>> VOTE





9

WEEKS

FIRST TRIMESTER

- Brain waves have been detectable for two weeks.
- Every organ and 99% of muscles are present.
- The liver is making blood cells.
- The kidneys are functioning.
- The stomach is producing digestive juices.
- Insulin can be found in the pancreas.
- The baby can suck his thumb and bend his fingers around an object.
- The baby is sensitive to physical touch and pain.

>> VOTE



12 WEEKS

FIRST TRIMESTER

- The baby can make facial expressions, including smiling, frowning, squinting, and furrowing his brow.
- The baby's fingerprints are visible.
- The baby is breathing steadily.
- The baby's fingernails and toenails are fully formed.
- The baby's taste buds are working.
- The baby can swallow.
- The baby can cry and kick.

>> VOTE





13+ WEEKS

SECOND TRIMESTER

- The baby is fully capable of feeling pain.
- The baby's vocal chords are present.
- The baby can hear. Loud music will cause him to cover his ears.
- The baby's sex can be determined.
- The baby is swimming and turning somersaults, and his mom will start to feel movement.
- Rapid Eye Movement (REM) indicative of dreaming can be recorded.
- Babies are typically fully viable by the end of the second trimester, if not earlier.

>> VOTE





33+ WEEKS

THIRD TRIMESTER

- The baby recognizes his mom's voice.
- The baby is gaining about an ounce of weight a day.
- 41 of the 45 total generations of cell replication that will take place by mature adulthood have already taken place. In developmental terms, as measured by cell replication, 90% of the growth we do in our lives happens in utero.

>> VOTE





40 WEEKS

FULL TERM

- The average newborn weighs 7 pounds and measures 20 inches.
- His mom's voice is the baby's favorite sound.
- White noise will calm the baby because it reminds him of the rhythmic noises he heard in utero.
- The baby has more brain cells than an adult.
- Human babies are the only species that smile at their parents.

>> VOTE

