

Piaget communicated with Albert Einstein informing him how he had applied the 'Theory of Relativity' to the Learning Process. Modern teaching methodology has evolved from the series of experiments Piaget conducted. The following is the gist of his conclusion.

Piaget's Theory of Learning:

1. From birth to six months - learning is **through sight**
2. Six months to one year – learning **through touching** through mouth, and a means to reach an end , when obstructing objects are removed to reach the toy or object the baby wants. A single feature of an object, makes the child recognize it and to reach the object through overt action, is learning for a child for the first twelve months.
3. Pre- operational stage – **Learning is a construct** : (a) From birth to 2 years, sensory cognition (b) From two years to seven years – pre-operational – up to 4 years learning is more through shapes , and not through colours. (c) From seven years to Eleven years learning is concrete and operational. At 7 years is confident of class inclusion and peer learning.

Theory of Relativity applied to Learning:

1. 4 to 7 years – same as above, with pre-operational from 3 years and concrete stage from 7 years.
2. 7 to 11 years, concrete operation orderliness of thinking.
3. 11 years to adult , the learning achievements include –
 - a) formalizing operations from abstract thinking
 - b) Reality + possibility
 - c) Logic + propositions

Sequence and Process:

The **sequence** of development is the **same** in every child, but the **process may be fast or slow**.

- How learning can be accelerated and how much faster can it be made?
- The **core of education** and learning is to develop the ability to raise relevant questions for finding solutions to existing problems.
