

Group Presentation Link

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How Jean Piaget Theory can support effective teaching and learning

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Introduction

Jean Piaget (1896-1980)

- Cognitive theorist
- Self-Constructive knowledge
- Four Stages of development

(Bates, 2023)



(Martin, 2021)

Piaget's four stages of development

Stage	Age
Sensorimotor	0-2 years
Preoperational	2-7 years
Concrete operational	7-11 years
Formal operational	12+ years

(Halpenny and Pettersen, 2013)



(FatCamera , 2016)

Piaget's theory within the classroom

Guides teachers in facilitating children's learning.

Providing challenges that fit right with the child.

Assimilation and accommodation

Active Learning

(University HQ , n.d.)

(Sinclair and Kamii, 1970)

(Blake and Pope, 2008)

(Libralon, 2018)



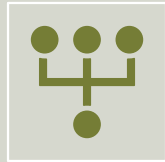
(Unsplash, 2022)



Examples of Piaget's theory within the classroom (Pre-operational Stage)



Role Play – Imagination , Creativity



Sorting activities – Problem solving, thinking skills, hand co ordination.



Story telling with Props

(Oxfordshire county council , n.d.)

(Dishari Bashrin, 2015)⁵

Planning and Observing Piaget's theory in a Classroom

(Carstens-peters , 2017)



Planning	Observing
Assess the child's developmental stage	Allows practitioners to monitor different aspects of the child
Set learning objectives	Useful feedback
Scaffolding	Practitioners support
Encourage exploration	Questions

(Joubish, Farooq and Khurram, 2011) (We
Ish Assembly Government , 2008)

Lesson Plan (Example)

Science through the seasons – KS1



(DragonImages , 2013)

Planning	Observation
Objective	Engagement
Materials	Interaction
Preparation	Understanding
Safety	Reflection

(Sutton, 2021)

Piaget's Critiques and effectiveness

- Teachers understanding of the theory
 - Culture and Society
 - Biased findings
- Overlooked the ability in children

(Babakr, Mohamedamin and Kakamad, 2019)



(Winkler, 2020)

According to (Tomlinson-Keasey, 1978) 'Research suggest that when students are tested on a lecture one week later , they can only recall 17 per cent of the material presented'.

Social media complements constructivist education principles according to Mcleod (2023)

Conclusion

- Aids Teachers and children
- Promoting curiosity
- Personalized support
- The theory is Valuable to teachers
- Social media complements constructivist education principles

(Fatcamera, 2017)



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