



泉州信息工程学院  
Quanzhou University of Information Engineering

# 高教参攷

GAOJIAO CANKAO

2023年1月20日

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CDIO





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# 大学可持续发展面临的挑战与战略选择



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## 二、大学可持续发展面临的挑战

### 一、大学可持续发展的内涵

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### 三、大学可持续发展的战略选择

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# 教育数字化——赋能还是转型





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UNESCO  
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 competency, ability, skill,  
 capacity, literacy

2017 2022

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UNESCO	41	(2021)	Reimagining Our Futures Together A New Social Contract for Education(2021)
		21 STEM (2019)	Exploring STEM Competences for the 21st Century(2019) Education for Sustainable
		(2017)	:

OECD

reflectiveness

competence

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1997

OECD

Swiss Federal Statistical

Office, SFSO

National Center for Education Statistics,  
NCES

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Definition and Selection of Competences:  
Theoretical and Conceptual Foundations

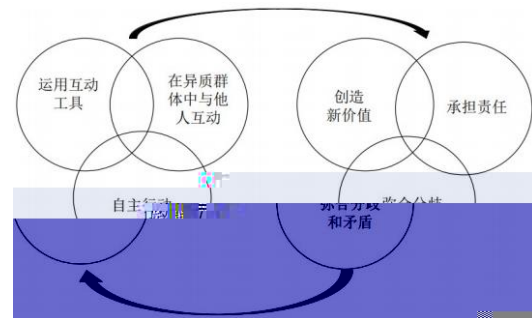
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2003 OECD

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using tools interactively

Transformative Competencies

interacting in heterogeneous groups

acting autonomously

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Than for " Intelligence"

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critical thinking, problem solving

competence

UNESCO

collaboration and communication

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skills

social

behavioral skills OECD

social-emotional skill

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OECD

interdisciplinary knowledge

UNESCO

self-determination

trans-disciplinarity STEM

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flexibility

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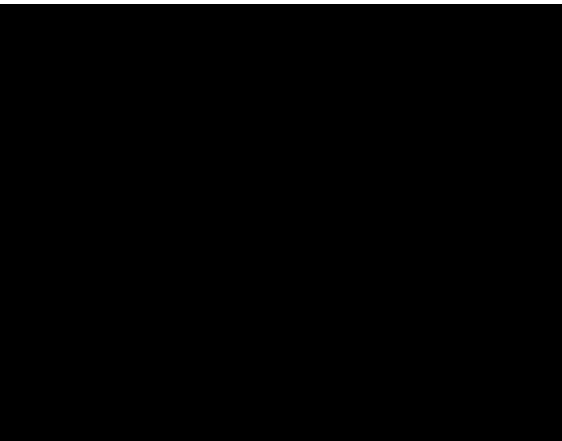
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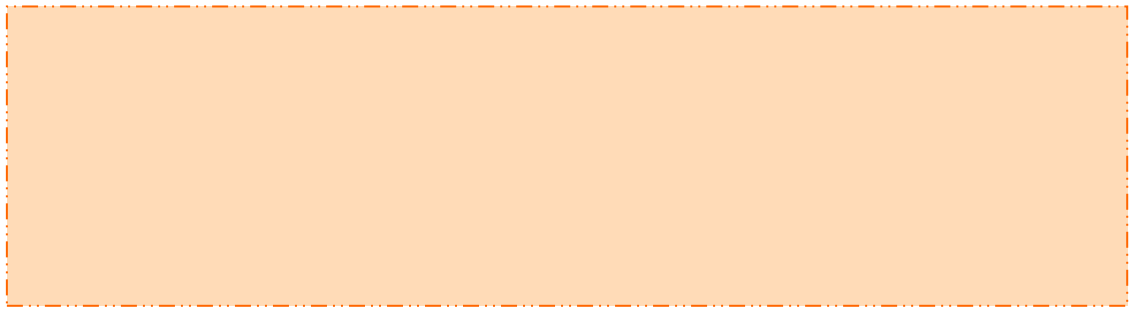
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1997 2015 18

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MOOCs






## 新加坡理工学院基于CDIO模式的项目教学改革



### CDIO

CDIO (Conceive) (Design)  
(Implement) (Operate)

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" (Project based education and learning  
PBL)

CDIO

PBL

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