



教育部體育署

Sports Administration, Ministry of Education



An attempt to physical literacy informed practice :

Experiences of a national wide professional development project in Taiwan

HSIN-HENG CHEN

CHING-PING LIN

NATIONAL TAIWAN NORMAL UNIVERSITY



Outline

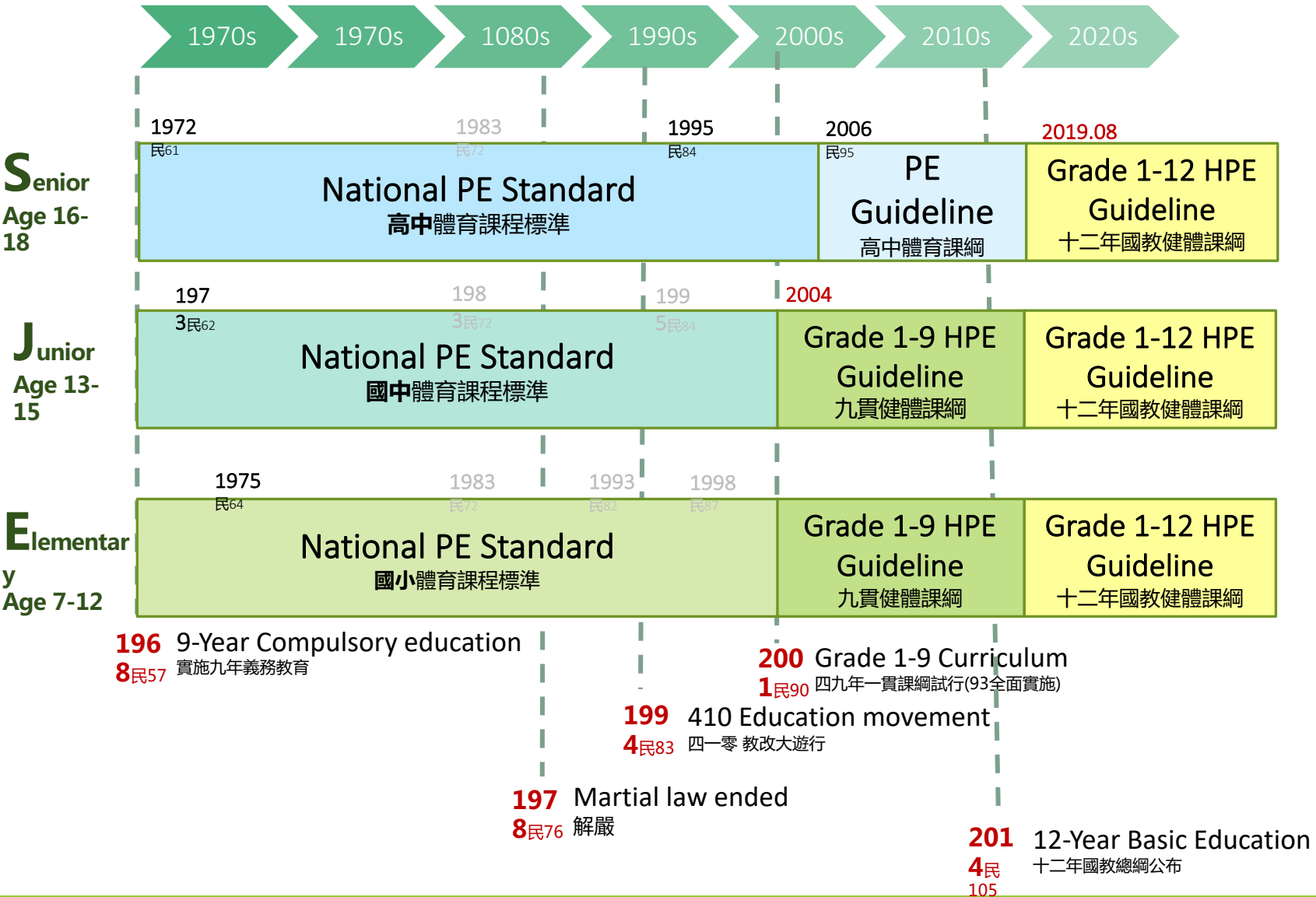
The development of PE Curriculum

PE teachers' career & professional development

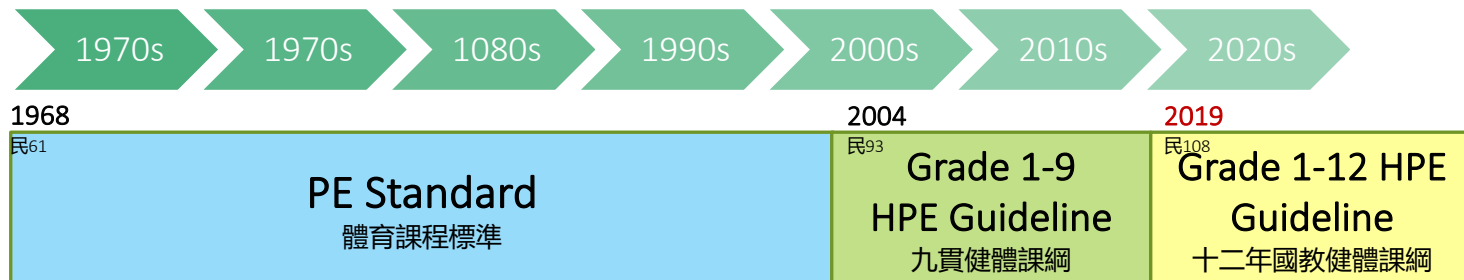
Nationwide **CPD Program**: Challenges and strategies

Reflection on Effective CPD

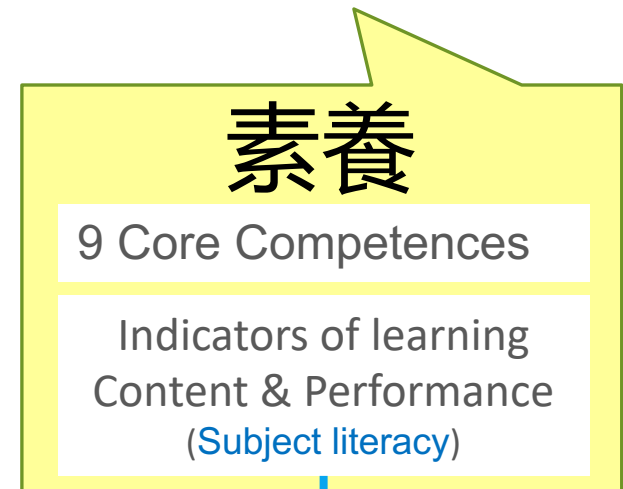
The development of PE Curriculum 臺灣學校體育課程



The development of PE Curriculum 臺灣學校體育課程



Subjects —————> Learning area (interdisciplinary)
Content-based —————> Competency-based



Physical literacy

1. Teacher training

- Elementary: Classroom teachers → specialized PE teachers (30%)
- Secondary: Specialist PE teachers → HPE teachers (PE specialist)

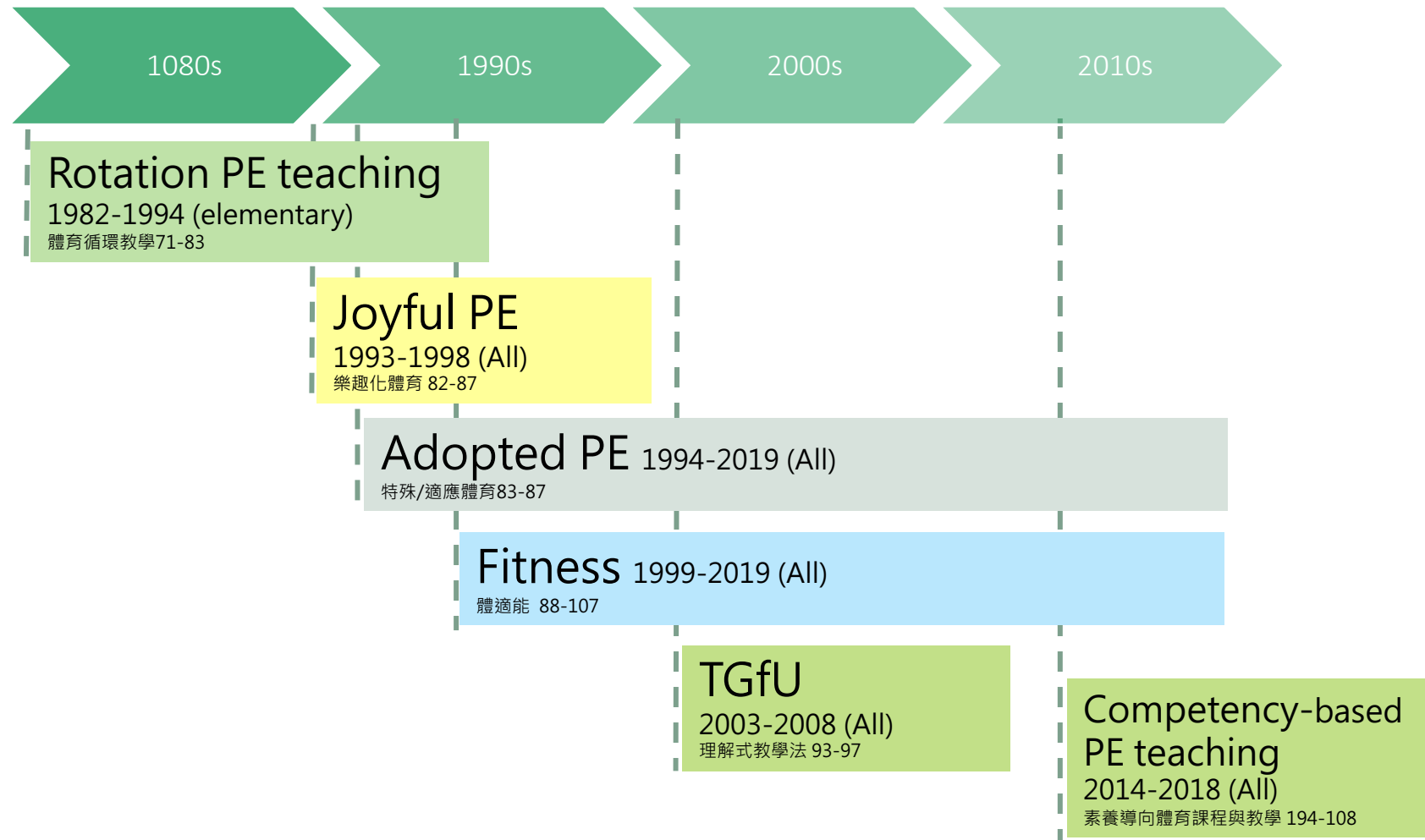
2. Teachers' career

- Tenure job: stable career (stay at the same school till retirement)
- The same salary rate (according to working years but performance; no teacher evaluation)
- Multiple duties (teaching, coaching, tutoring, administration...)

3. CPD system & courses

- Government-led (by **Advisory group of MOE** or **Agency by agreement**; topics linking to policy)
- Free of charge
- Mandatory

PE teachers' career & professional development 教師生涯與專業發展



陳信亨 (2019) 體育教師增能與專業發展。載於健碩體魄、教育之基——中小學體育課程發展史。

- Integrated Subjects \neq Integrated teaching
- Teacher autonomy \neq Student-centered teaching
- Teaching practice based on personal experience or previous training, rather than theories or curriculum guidelines
- Lifelong engagement in physical activity (PE, sports, leisure, fitness) has continuously appeared in curriculum standard/guideline; however, strategies being used to facilitate it are variable.

2015-2018



教育部體育署
Sports Administration, Ministry of Education

Developing Grade 1-2 HPE curriculum and teaching

十二年國教體育課程與教學發展

Curriculum

體育課程發展

Symposium
on literacy
PE teaching
and
assessment

國際論壇

Promotion of
School-based
PE curriculum

校本體育課程甄選

Competition
of PE
teaching
lesson plans

優質體育教材甄選

Workshop on
literacy PE
teaching

素養導向體育工作坊

CPD

教師專業發展

CPD courses

12年國教素養導向體育
教學增能研習

Online
recourse

體育教材資源網
與社群經營

Supporting network

支持輔導體系

- Project aim: **facilitating the implementation of national PE curriculum**
- Government funded project, around 200,000 GBP each year
- Running by **Physical Education Research and Development Center, NTNU**

Strategies

2015-2018

1. Collecting & promoting outstanding examples provided by schools and teachers
2. Teacher educators working with PE teachers to produce teaching materials
3. Inviting International scholars to share perspectives on PL
4. Spreading ideas through (1) centralized short-term CPD courses and (2) online recourse



Strategies

2015-2018

1. Collecting & promoting outstanding examples provided by schools and teachers
2. Teacher educators working with PE teachers to produce teaching materials
3. Inviting International scholars to share perspectives on PL
4. Spreading ideas through (1) centralized short-term CPD courses and (2) online recourse



Strategies

2015-2018

1. Collecting & promoting outstanding examples provided by schools and teachers
2. Teacher educators working with PE teachers to produce teaching materials
3. Inviting International scholars to share perspectives on PL
4. Spreading ideas through (1) centralized short-term CPD courses and (2) online recourse



Oct., 2017,

Ang Chen (US)

Doune MacDonald (Australia)

Margaret Whitehead (online) (UK)

Oct., 2018,

Ang Chen (US)

Raymond Kim-Wai SUM (H.K.)

Dwayne Sheehan (Canada)

Ching-Wei Chang (Taiwan)

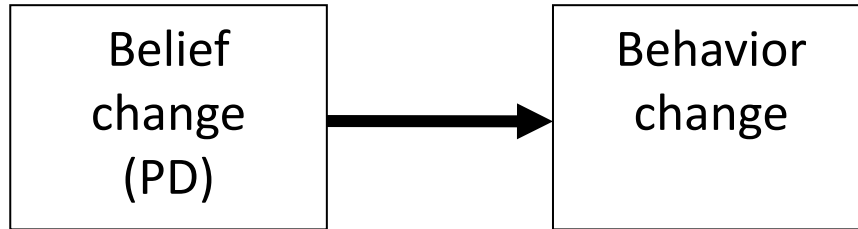
Strategies

2015-2018

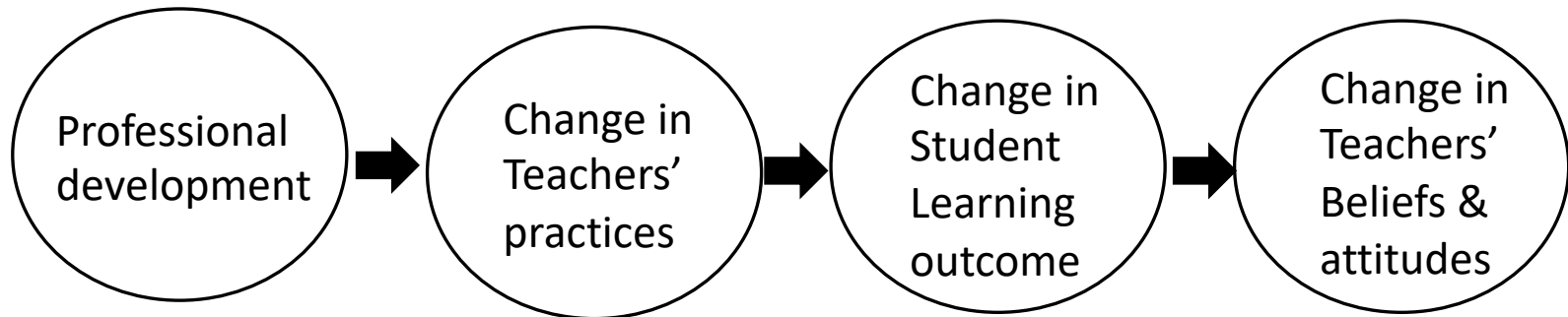
1. Collecting & promoting outstanding examples provided by schools and teachers
2. Teacher educators working with PE teachers to produce teaching materials
3. Inviting International scholars to share perspectives on PL
4. Spreading ideas through (1) centralized short-term CPD courses and (2) online recourse



Theory of Teacher Change



V.S.



GUSKEY, R. T. (2002). Professional development and teacher change.



Challenges

2015-2018

1. Quality of the developed teaching materials being unstable & difficult to be understood
 2. Top down implementation become more and more difficult
 3. Lack of a more efficient network to spread our the idea and to influence PE teachers
 4. Urgent expectation from the officials of bring appealing results
-
- Top down + bottom up
- Professional learning comicality (PLC)
- Experimental teaching
- International scholars + teacher educators + PE teachers
- More CPD course
- Promoting physical literacy through quality PE (QPE)

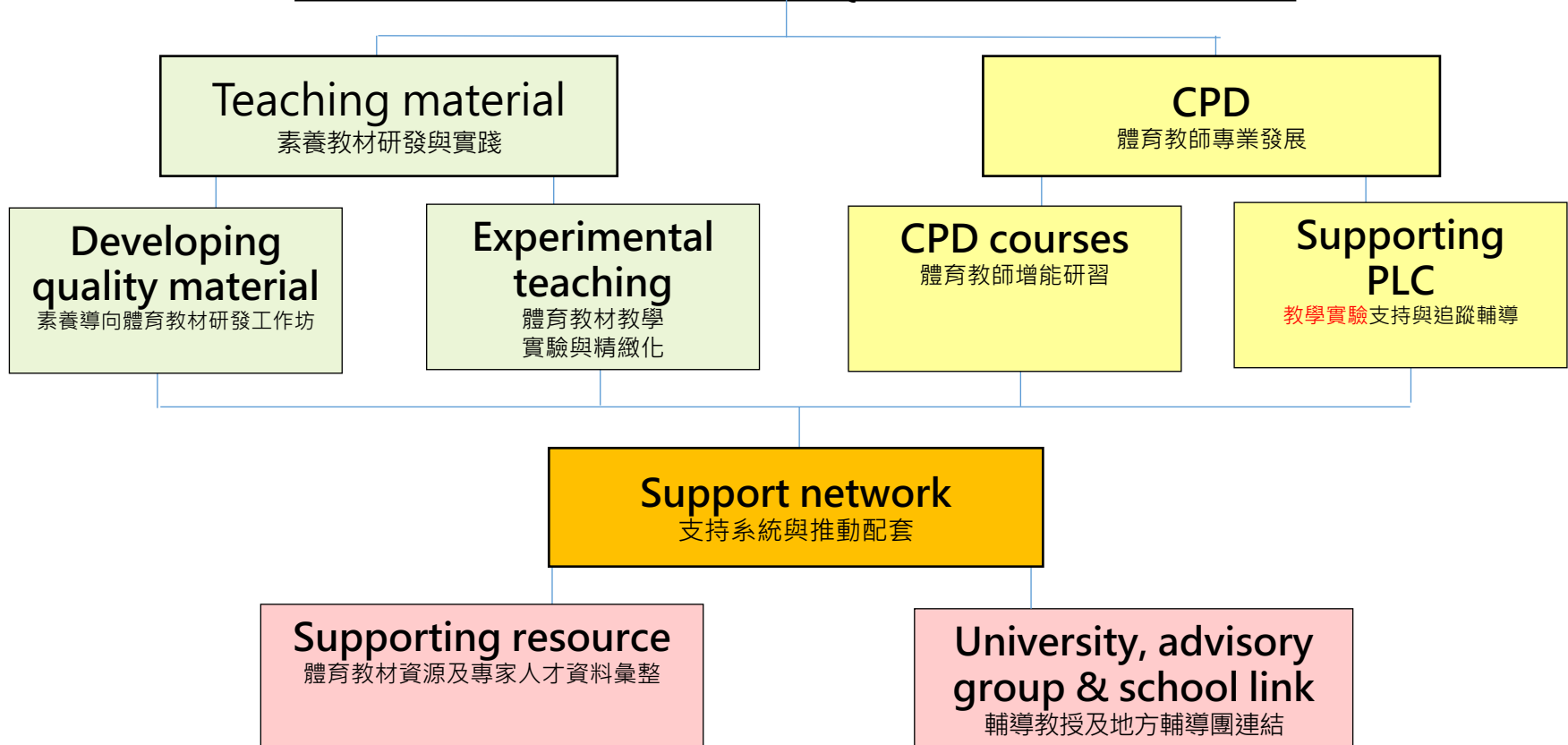
2019-2022



教育部體育署
Sports Administration, Ministry of Education

QPE: Developing quality school PE curriculum and teaching practice

學校體育課程與教學QPE發展計畫



Strategies

2019-2022

1. Invite teacher educators and international scholar to work with PE teachers during CPD courses and to develop teaching material
2. Developing applicable, accessible, understandable materials through **teaching experiment**
3. Supporting **professional learning community** (PLC)
4. Collecting PE teachers' **reflection** in order to inform future direction
5. Spreading ideas through (1) centralized short-term CPD courses and (2) online recourse



Workshop

28th Feb. to 1st Mar.,
2019



Physical Literacy – A new focus for Physical Education





Workshop

6th May,
2019



Physical literacy in Canada: Best Practice in Physical Education Teaching



Teaching practice driven by self-determination theory



Reflection

Effective nationwide CPD should try to...

- provide **doable alternatives** for their action
- be **follow-up** and **learner-centered** (meet teachers need)
- invite PE teachers to **reflect** on the **consistency** of their own belief and practice
- provide opportunities to share and **interact with others** (PLC)
- be based on an solid and agreed **version**
 - Competency-based PE: **core competency** + **subject literacy** + **PL**
 - Physical literacy indicates a new formula of what the PE teachers have been wanting to do

Thanks for listening

Time for discussion

