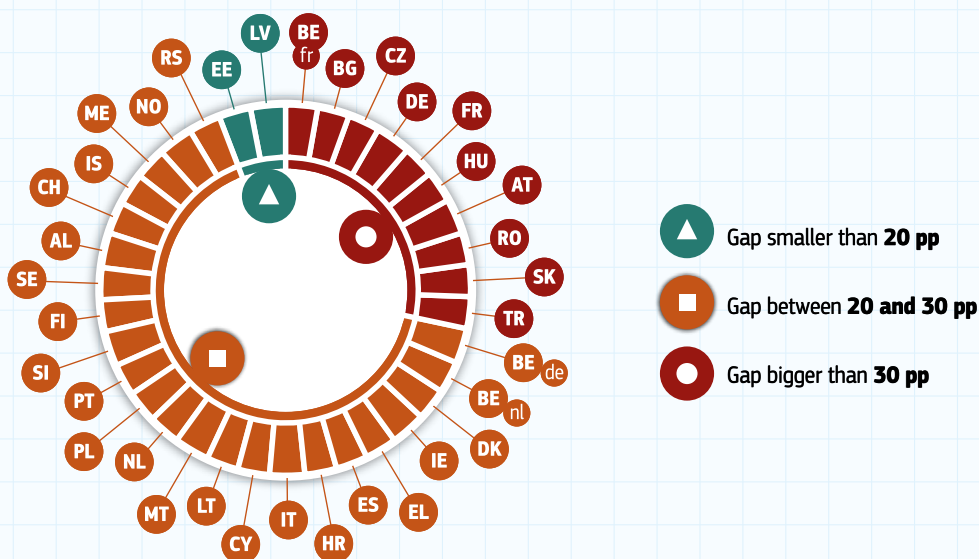


# Addressing underachievement in literacy, mathematics and science

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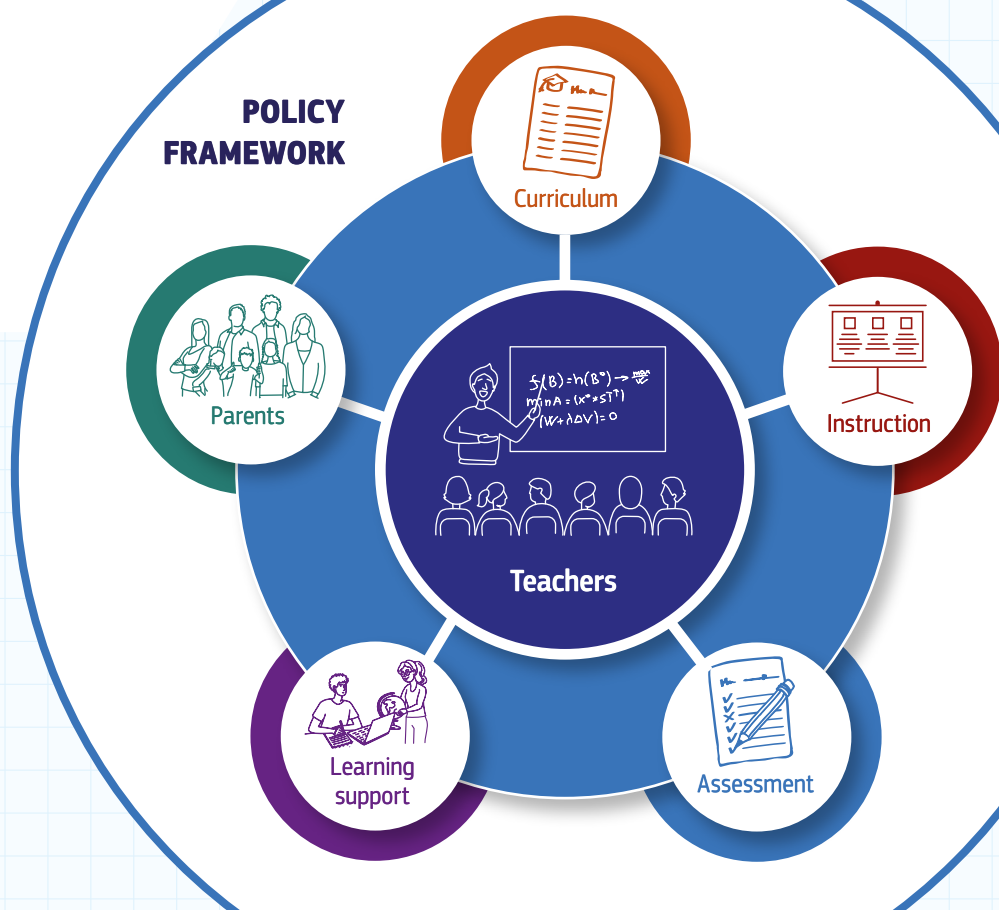
Growing gaps in the underachievement rates of students  
from high and low socio-economic backgrounds

Percentage point  
differences between  
the underachievement  
rates of 15-year-old  
students with  
0-25 and 26+ books  
in mathematics,  
PISA 2022



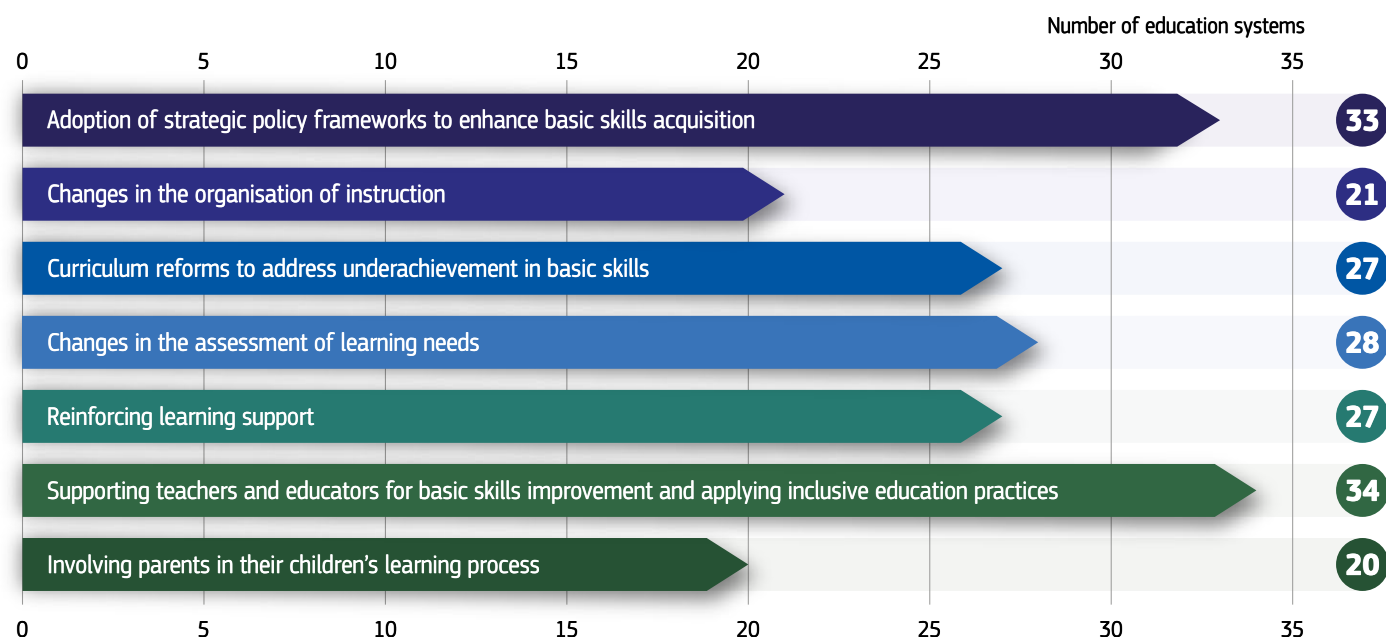
Underachievement  
is addressed through  
aligned actions  
across all parts  
of the education  
system

Interdependent  
ecosystem of  
policy measures  
addressing  
underachievement  
in basic skills



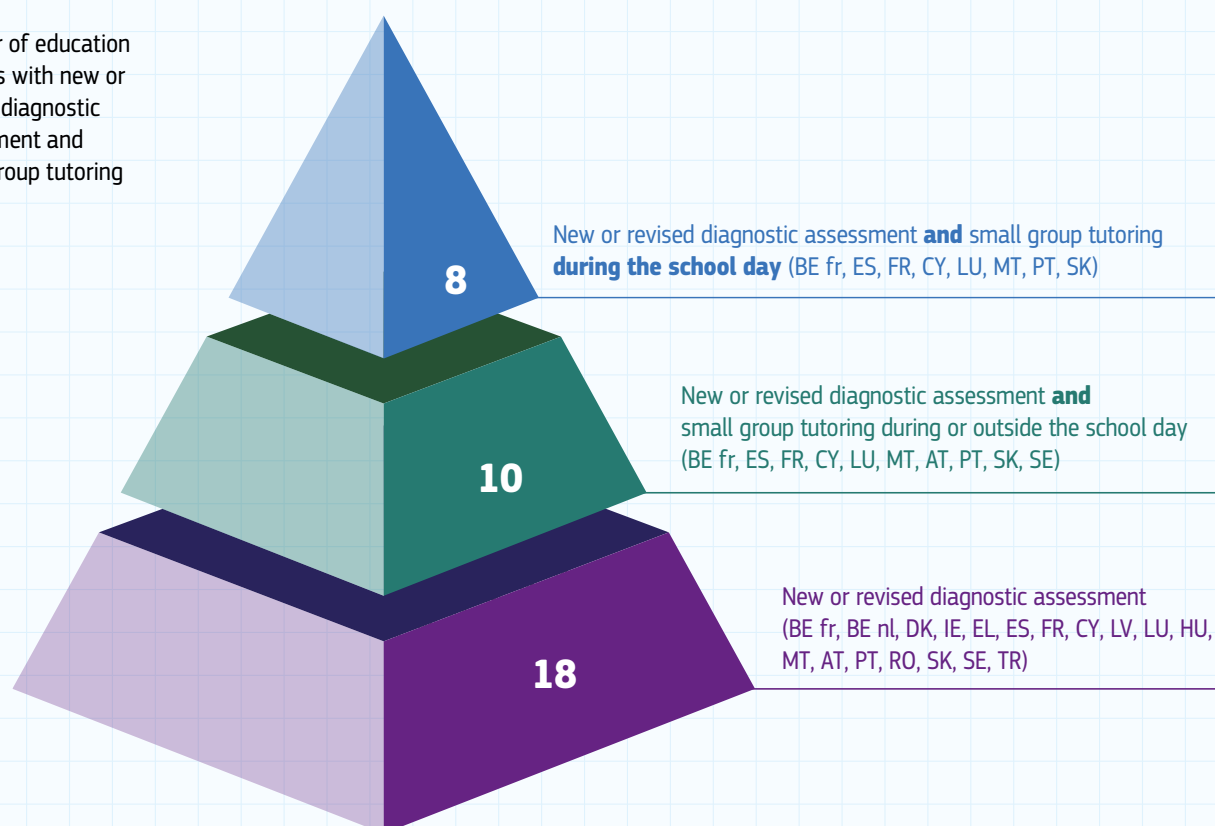
## In all areas, the majority of education systems have adopted new policy measures

Areas of policy changes addressing underachievement in basic skills (2020/2021 to 2024/2025), ISCED 1-2



## Eight education systems have made changes to both diagnostic assessment and tutoring during the school day

Number of education systems with new or revised diagnostic assessment and small group tutoring



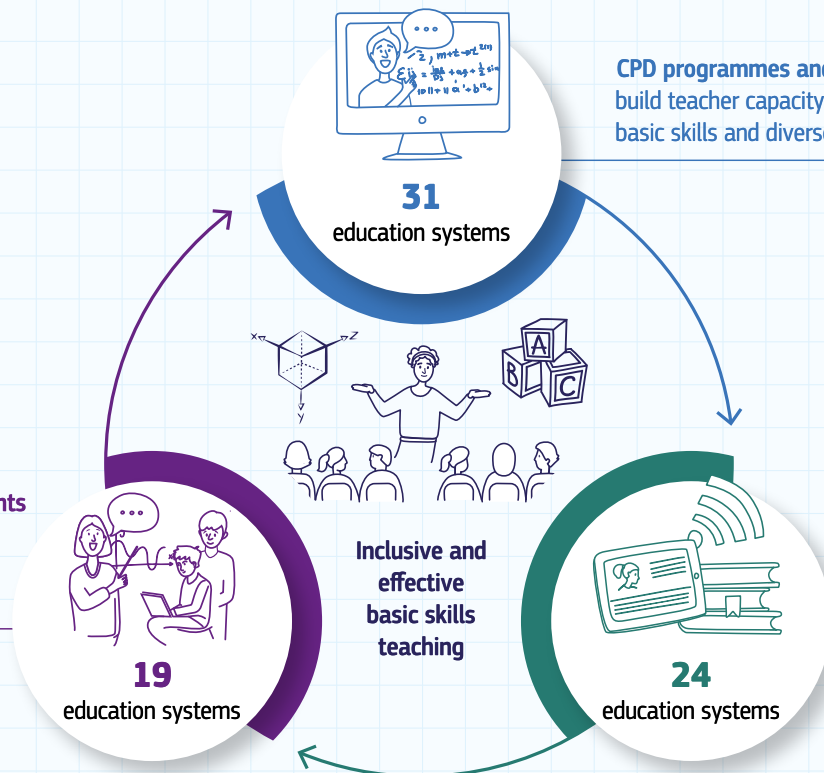
## Training, pedagogical resources and in-class support are being aligned to help teachers address diverse learning needs

Three levers for stronger basic skills teaching: Training, resources and teaching support for inclusive classrooms

CPD programmes and trainings build teacher capacity to address basic skills and diverse learning needs.

Specialised teachers and teaching assistants deliver multi-level, responsive support in classrooms.

Teaching materials and resources provide tools to implement inclusive teaching in basic skills.



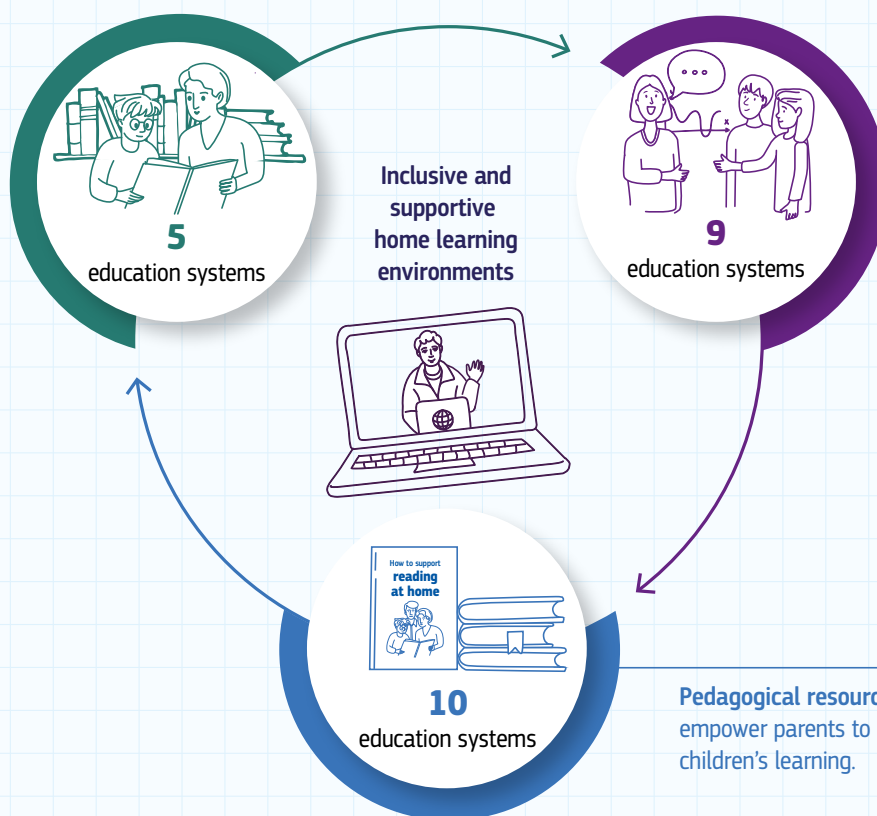
## Trainings, pedagogical resources and family literacy initiatives are the main tools used to engage parents

Family literacy initiatives and home book schemes involve families directly.

Trainings and workshops help parents understand curriculum expectations and support learning at home. Often targeted at parents from disadvantaged or migrant backgrounds.

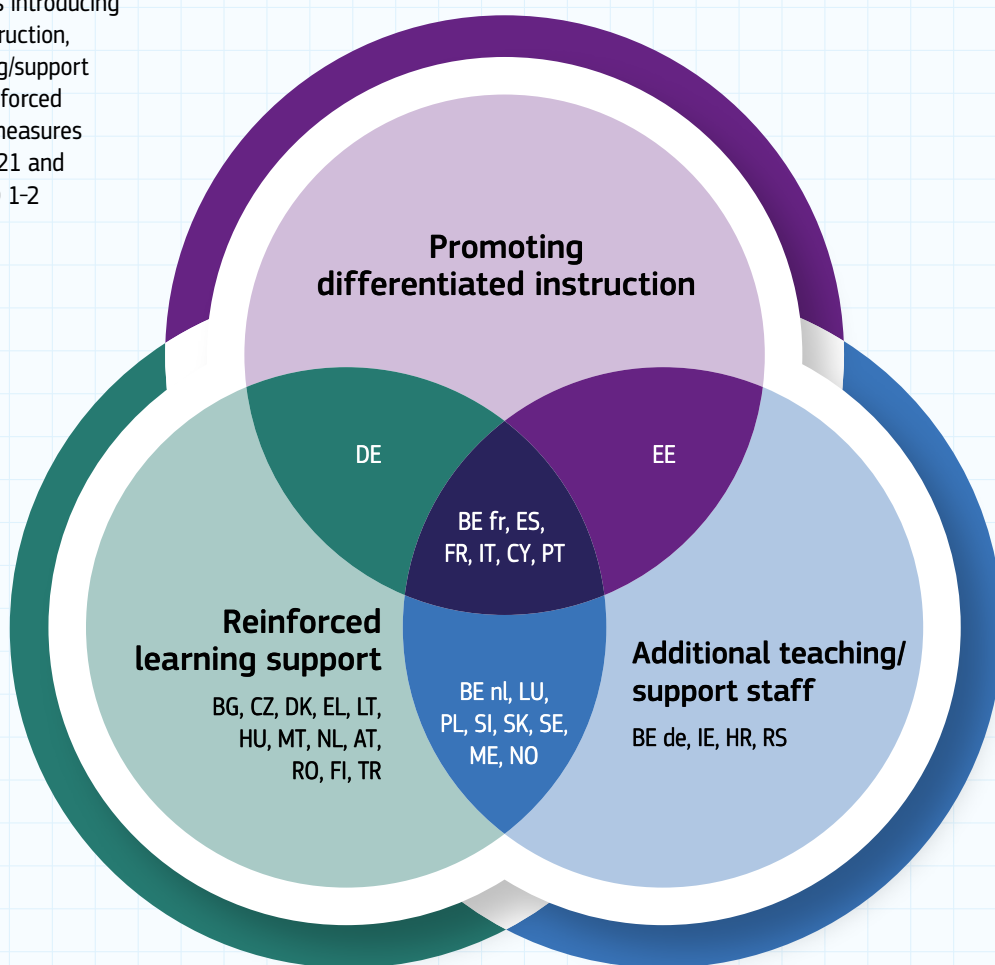
Engaging parents to support basic skills learning

Pedagogical resources and guidelines empower parents to engage in their children's learning.



## Increasing emphasis on differentiation through the organisation of instruction, additional teaching/support staff and reinforced learning support

Education systems introducing differentiated instruction, additional teaching/support staff and new/reinforced learning support measures between 2020/2021 and 2024/2025, ISCED 1-2



## Addressing underachievement in literacy, mathematics and science: Policy changes in European school education since 2020



This infographic depicts the main findings of the report *Addressing underachievement in literacy, mathematics and science: Policy changes in European school education since 2020*. The findings are based on analysis of policies in 35 European countries (37 education systems). The report covers the EU 27 Member States and Albania, Bosnia and Herzegovina, Switzerland, Iceland, Montenegro, Norway, Serbia and Türkiye. The full report is available at: <https://link.europa.eu/qmNfDn>



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