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equivalent to that of the European Structural Investment (ESI) Funds. and 2017, QR funding has seen a real terms decline of 13 winder to appreciably revese this decline, QR 4 funding has seen a real terms decline of curiosity

3.	Ensure that supports th	the	Shared	Prosperity	Fund	(UKSPF)

7. Support subject-specific professional development for science teachers.

Every child should have an unbroken chain of experts teaching them the throughout their school education. Current teacher shortages in some subjects, including chemistry, make it unlikely that this aim will be met through increased recruitment aloneso supporting the existing teaching workforce is key. There is a widespread practice of science teachers being deployed outside their specialist science discipline. Furthermore, regional inequalities exist in the system: schools in the most deprived areas are less likely to have science teachers with a qualification relevant to the main science discipline they teach.

Initial Teacher Training (ITT) is just the start of a teacher's journe become an expert practioner, and teachersacross the UK must be supported to develop and expand their knowledge throughout their careers This should include:

- a) Investing in a coherent programme of subjectspecific training and development for all teachers, throughout their careers. It should meet the needs of a broad range of teachers, including those teaching beyond their original area of disciplinary expertise.
- b) Developing and implementing a system for quality-assuring teachers' CPD and preervice Subject Knowledge Enhancement coursesTeachers and school leaders need an efficient way of assessing which pre-ITT and inservice CPD options will be most likely to improve student outcomes.
- c) Developing a system to collect and record information about teachers' subjectspecific expertise. The tracking of teachers' subject expertise by the tracking that which is gained through in service CPD) would allow for the planning and coordination teacher development and recruitment initiatives at a national and local level. We advocate the formation of a digital "badging" system as a standard way for teachers' disciplinary expertise to be recognised and recorded.

Contact

Wewould be happy to discuss any of the issues raised in more detail; please contact Phoebe Rountare outreep@rsc.org

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