Challenges faced by **UK primary schools**

Science is not always allocated sufficient curriculum time and some children have entire half terms without any timetabled science. Curriculum design for

School Leaders

Bespoke support and

mentoring for science

subject leaders

Guidance and

development for

senior leadership

teams and governors

Stakeholders

Activities

makers

teachers

Increase PSTT

engagement with

partners and policy

Work with partners to

produce guidance for

Meet with and make

presentations to

policy makers

professional

Activities

Subject leaders and senior leadership teams value science and are

Outcomes

a core subject

We collaborate effectively with our primary science partners, with

science

Outcomes

to others in the sector

of primary science

and best practice

a shared voice that supports schools and policymakers

identify their schools' needs

Science subject leaders are more confident to

Schools ensure that science is more embedded as

Science subject leaders are more effective

Schools are more ambitious for children to

develop an identity with science

Our sector develops a better shared

understanding of 'what works' in primary

PSTT's voice in primary science is more visible

Schools are better able to access guidance and

support about best practice in primary science

Education policy better reflects the importance

Science curricula better reflect current research

embedding approaches to meet needs

enthusiastic, confident and competent to lead its development

not see themselves as scientists.

Assessment practices do not always inform teaching, leading to insufficient responses to children's needs.

Few primary teachers are science specialists and some lack subject knowledge and/or confidence. Commonly, student teachers have a limited amount of input that is dedicated to primary science.

Few schools have a clear plan for how to develop teachers' knowledge of science and how to teach it. For many schools, professional development for teachers in science is not a priority. Not all science subject leaders have dedicated leadership time.

At the Primary Science Teaching Trust our activities are focused on outcomes for four groups: school leaders, teachers, stakeholders and our College Fellows

Teachers

At every career stage, teachers deliver practical and engaging science lessons that are relevant and accessible to all children

Activities

Provision of resources

Provision of professional development across the UK in response to need

Free provision of professional development to Priority Areas

Communications with teachers

Working with initial teacher education providers

Outcomes

- understand what constitutes excellent science teaching and learning
- plan and deliver excellent science lessons
- reflect on their own practice to identify areas for development

sufficient expertise, time and opportunities for science.

More teachers start their careers:

- · with good science subject knowledge and pedagogical understanding
- ambitious and confident to take up leadership roles in science

Teachers are more able to:

- access and implement relevant professional development and resources

Initial teacher education providers offer

The Primary Science Teaching Trust's vision is to see excellent teaching of science in every primary classroom in the UK.

This supports our

long-term vision

of excellence can be found here.

College Fellows

PSTT College Fellows make a positive contribution to primary science beyond their own schools or settings

Activities

Developing a strong community of practice

Outcomes

Fellows are increasingly active with developing and disseminating excellence in primary science

Fellows are more widely recognised as ambassadors for excellent primary science

Recognising achievement with Primary Science **Teacher Awards**



science is not always coherent. Children's science learning can

be superficial, lacking challenge and depth. Many children do

Our working definition