

STEM Ready

Knowledge-rich STEM learning in practice

BUILD KNOWLEDGE. MAKE CONNECTIONS. DEVELOP CAPABILITIES.

As primary schools prepare for the proposed Northern Ireland Curriculum 2028, Sentinus can help your staff explore what its principles can look like in practice.

Our STEM Ready Teacher Professional Learning workshop combines practical, hands-on STEM with a focus on knowledge-rich, purposeful and progressive learning — helping teachers build confidence and bring STEM concepts to life in the classroom.



KNOWLEDGE-RICH. PRACTICAL. PURPOSEFUL.

Explore how engaging STEM experiences can help pupils develop deep understanding, make meaningful connections and apply their knowledge through purposeful challenges.

01



BUILD & SEQUENCE LEARNING

Consider how STEM knowledge and experiences can be progressively built and sequenced from Foundation Stage through Key Stage 1 and Key Stage 2.

02



FROM KNOWLEDGE TO CAPABILITIES

Discover how practical STEM can provide opportunities for pupils to apply knowledge while developing reasoning, problem-solving, creativity, communication and collaboration.

03



BRING STEM TO LIFE

Experience practical activities and approaches that teachers can adapt for their own pupils, curriculum and school context.

YOUR STAFF WILL

- **EXPLORE**
knowledge-rich approaches to practical STEM
- **CONNECT**
knowledge, understanding and application
- **BUILD**
confidence to take STEM learning back into the classroom
- **EXPERIENCE**
hands-on activities and challenges
- **CONSIDER**
progression and sequencing across the primary years

IDEAL FOR

Whole Primary School Staff

Foundation Stage

KS1

KS2

STEM Coordinators

Curriculum Leaders

School Development Days

**Curriculum 2028 sets the direction.
Sentinus makes it practical.**

Bring STEM Ready TPL to your school.

To book or for more information: info@sentinus.co.uk
www.sentinus.co.uk

