



twig SCIENCE NEXT GEN

Core STEM Programme for Pre-K–8 NGSS and Common Core *Supplemental STEM Programme for IB PYP and MYP*

Twig Science Next Gen is a complete modular Pre-K–8 programme built for the NGSS, in which students investigate, design, build and understand phenomena using a blend of hands-on, digital, video and print resources.

Through its project-based structure, Twig Science empowers students to be at the centre of their learning journeys, acting as true scientists and engineers, while giving teachers the right tools and support to guide them.

Programme Components (Print and Digital)

- **Teacher Editions** act as comprehensive guides providing instruction support and background knowledge – as well as SEN support.
- **Student Twig Books** with all-in-one experiential text and investigation notebook to model, annotate, promote discourse and capture three-dimensional student thinking.
- **Rich media** brings science topics to life, including award-winning videos, challenging interactives, songs, science glossary and games.
- **Interactive whiteboard lessons** with activities, diagrams and images.
- **The 3-D assessment suite** includes formative and summative assessments, with flexible options to monitor student progress and language development.
- **Detailed modular lab kit lists** with easy to find items for hands-on investigations.





Support for SEN

Teacher guides contain comprehensive point-of-use differentiation, helping teachers choose the right approach for each student. Subtitles and text to voice function also give students extra support and autonomy.

Support for STEM Careers

One of our goals throughout the programme is to encourage students to choose STEM careers later in life. We do this by showing them that STEM is interesting, fun, and accessible and also by exposing them to a wide range of different STEM careers.

- Targeted SEL elements enable students to work as scientists and engineers.
- Our Levelled Readers feature real-life scientists and engineers who act as encouraging role models, inspiring students to consider fulfilling STEM careers for their future.

Support for ELA / Dual-language

Twig Science supports dual-immersion or bilingual programmes. With integrated features to teach and support Spanish-online, English Language Learners, or dual-language students – including student books, Levelled Readers and videos.

Teacher Support

Teacher support is embedded throughout the platform, as well as the comprehensive teacher editions. Our aim is not only to help them deliver the Twig Science programme but also to provide them with lasting and useful professional development opportunities.

Some of the central aspects of our teacher support strategy are:

- Background refreshers
- Full scope and sequence and curricula coverage guide
- Model lesson videos
- Module introduction videos



Scan to watch a quick overview of
Twig Science Next Gen.