TEACHER PLANNING SUITE

Primary STE

All Classes

Programme Progression

How the STE strands build across the school, from Junior Infants to 6th Class — for your whole-school plan and School Self-Evaluation.

5 strands · 4 stages

In this Teacher Planning Suite

- Long-Term (Yearly) Plan — the year mapped by strand & outcome
- Fortnightly Short-Term Schemes — two-week planning grids
- Curriculum Coverage — which lessons meet each outcome
- **Programme Progression** — how the strands build, stage to stage

CODING IRELAND 123learn

© Coding Ireland — for use within the purchasing school. · Aligned to the NCCA Primary STE specification

Primary STE — Programme Progression (Stages 1–4)

PRIMARY STE — ALL CLASSES · WHOLE-PROGRAMME VIEW

Le comhlánú ag an múinteoir / to be completed by the teacher

Múinteoir / Teacher: _____ Scoil / School: _____ Uimhir Rolla / Roll no.: _____

Ábhar / Subject: Primary STE Scoilbhliain / School year: 20____ / 20____

Curriculum aims

- Develop children's curiosity and disposition to explore the world and appreciate the possibilities of STE.
- Build STEM skills by adapting and applying the skills of science, technology and engineering.
- Foster conceptual and procedural understanding by applying key STE concepts.
- Encourage creativity and innovation, using imagination to generate ideas and explore solutions.
- Develop critical thinking through questioning and making evidence-based judgements.
- Enhance communication using the language of STE to evaluate and reflect on experiences.

STRAND	STAGE 1 · INFANTS	STAGE 2 · 1ST & 2ND	STAGE 3 · 3RD & 4TH	STAGE 4 · 5TH & 6TH
Living Things	Living things — me, my body, my senses and nature outdoors; Living things — our body, growing up, senses and sorting nature	Living things — living/non-living, our senses, basic needs & growing; Living things — needs & senses deeper, plants & life cycles	Living things — one organ in depth, classifying & ecosystems; Living things — main organs, one organ up close & classifying	Living things — the human body, nutrition & classifying; Living things — ecosystems, biodiversity & a sustainability action project
Materials	Materials — what things are made of and how they change; Materials — naming, properties and changing materials	Materials — natural vs man-made, properties & what suits a job; Materials — natural/synthetic, properties for a job, changing materials	Materials — properties, open-ended heating/cooling & heat conductors; Materials — properties, states & gentle changes	Materials & their properties; Materials — change, chemistry & an extended fair-test project

© Coding Ireland — for use within the purchasing school. · Primary STE — All Classes · Teacher Planning Suite · Aligned to the NCCA Primary STE specification