

Scottish Curriculum








First Level CFE Benchmarks







Teacher resource







The table in this booklet is a guide to show you how the Let's do Engineering activities can meet the Scottish First Level CFE benchmarks.








Click [here](#) to view all CFE benchmarks.















Let's do Engineering Activity	First Level Benchmarks					
	Literacy and English	Numeracy and Mathematics	Expressive Arts	Health and Wellbeing	Sciences	Technologies
 <p>The Engineer song Topic: Introducing Engineering Activity type: Music Engineers: All</p>	LIT1-01a	–	EXA1-16a	HWB1-20a	SCN1-20a	TCH1-12a
 <p>Top Trumps Topic: Introducing Engineering Activity type: Game Engineers: All</p>	–	MNU1-20b	–	HWB1-20a	SCN1-20a	TCH1-12a
 <p>Activity book Topic: Introducing Engineering Activity type: Activity sheets Engineers: All</p>	–	MNU1-01a	–	HWB1-20a	SCN1-20a	TCH1-12a
 <p>Films - engineer interviews Topic: All Activity type: Films Engineers: All</p>	LIT1-01a LIT1-04a LIT1-07a	–	–	HWB1-20a	SCN1-20a	–
 <p>Engineer posters Topic: All Activity type: Posters for classroom Engineers: All</p>	LIT1-07a	–	–	HWB1-20a	SCN1-20a	TCH1-12a
 <p>Engineering design cycle posters Topic: Introducing Engineering Activity type: Posters for classroom Engineers: All</p>	–	–	–	–	–	TCH1-12a
 <p>Build a rocket Topics: Space, Flight Activity type: Engineering challenge Engineer: Adah</p>	–	MNU1-01a MNU1-11a	EXA-1-02a EXA1-06a	–	SCN1-04a SCN1-07a SCN1-15a	TCH1-04b TCH1-04c TCH1-04d TCH1-09a TCH1-10a TCH1-11a TCH1-12a

Let's do Engineering Activity	First Level Benchmarks					
	Literacy and English	Numeracy and Mathematics	Expressive Arts	Health and Wellbeing	Sciences	Technologies
 <p>Hula hooping and orbits Topics: Space, Flight Activity type: Circus Engineer: Adah</p>	-	MTH1-17a	-	HWB1-21a HWB1-22a	SCN1-04a SCN1-07a	TCH1-12a
 <p>Build a wind turbine Topics: Climate Change, Energy Activity type: Engineering Challenge Engineer: Allison</p>	LIT1-01a	MNU1-01a MNU1-11a MTH1-16a MTH1-17a	EXA-1-02a EXA1-06a	-	SCN1-04a SCN1-07a SCN1-15a	TCH1-04b TCH1-04c TCH1-04d TCH1-09a TCH1-10a TCH1-11a TCH1-12a
 <p>Scarf throwing and plate spinning Topics: Climate Change, Energy Activity type: Circus Engineer: Allison</p>	-	MNU1-11a MTH1-17a	EXA1-06a	HWB1-21a HWB1-22a	SCN1-04a SCN1-07a SCN1-15a	TCH1-04b TCH1-04c TCH1-09a TCH1-11a TCH1-12a
 <p>Make a blood model Topic: Health Activity type: Science experiment Engineer: Ameya</p>	LIT1-01a	MNU1-01a	EXA-1-02a	-	SCN1-15a	TCH1-04d TCH1-09a TCH1-10a TCH1-12a
 <p>Build a noisemaker Topics: Health, Flight Activity type: Engineering Challenge Engineer: Antonio</p>	LIT1-01a	MNU1-01a MNU1-11a	EXA-1-02a EXA1-06a	-	SCN1-07a SCN1-15a	TCH1-04c TCH1-04d TCH1-09a TCH1-10a TCH1-11a TCH1-12a
 <p>Acoustic engineering songs Topics: Health, Flight Activity type: Music Engineer: Antonio</p>	-	-	EXA1-12a EXA1-16a	-	-	TCH1-04c TCH1-12a TCH1-13a

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	Literacy and English	Numeracy and Mathematics	Expressive Arts	Health and Wellbeing	Sciences	Technologies
 <p>Stencilling microchips Topic: Computing Activity type: Art Engineer: Christiaan</p>	-	MTH1-17a MNU1-20b	EXA-1-02a EXA1-06a	-	SCN1-04a	TCH1-04b TCH1-04c TCH1-04d TCH1-09a TCH1-11a TCH1-12a
 <p>Build your own water filter Topic: Health Activity type: Engineering Challenge Engineer: Denny</p>	LIT1-01a	MNU1-01a MNU1-11a	EXA-1-02a EXA1-06a	-	SCN1-04a SCN1-07a SCN1-15a	TCH1-04b TCH1-04c TCH1-04d TCH1-09a TCH1-10a TCH1-11a TCH1-12a
 <p>Elsie the Engineer Topic: Introducing engineering Activity type: Film Engineer: Diane</p>	LIT1-02a LIT1-04a LIT1-07a	MTH1-17a	EXA1-06a EXA1-12a EXA1-14a	-	SCN1-04a	TCH1-04c TCH1-04d TCH1-12a
 <p>Introducing engineering (Diane) Topic: Introducing engineering Activity type: Activity sheet Engineer: Diane</p>	-	-	EXA-1-02a EXA1-06a	-	-	TCH1-04c TCH1-11a TCH1-12a
 <p>Introducing engineering (Doug) Topic: Introducing engineering Activity type: Engineering Challenge Engineer: Doug</p>	-	-	EXA-1-02a EXA1-06a	-	SCN1-04a	TCH1-04b TCH1-04c TCH1-04d TCH1-09a TCH1-10a TCH1-11a TCH1-12a
 <p>Simon Says and do coding Topics: Robots, Health Activity type: Games Engineer: Emilyann</p>	LIT1-01a	MNU1-11a MTH1-17a	EXA-1-02a EXA1-06a	-	-	TCH1-04c TCH1-04d TCH1-09a TCH1-11a TCH1-12a TCH1-13a TCH1-14a

Let's do Engineering Activity	First Level Benchmarks					
	Literacy and English	Numeracy and Mathematics	Expressive Arts	Health and Wellbeing	Sciences	Technologies
 <p>Exploring materials Topic: Activity types: Science experiment, Game Engineer: Faisal</p>	-	MNU1-01a MNU1-11a MNU1-20b	-	-	SCN1-15a	TCH1-04c TCH1-09a TCH1-10a TCH1-12a
 <p>Painting with natural dyes Topic: Energy, Health Activity type: Art, Science experiment Engineer: Farnaz</p>	-	MNU1-01a MNU1-20b	EXA-1-02a	-	SCN1-15a	TCH1-04a TCH1-04c TCH1-04d TCH1-10a TCH1-12a TCH1-13a
 <p>Famous structures around the world Topics: Climate Change, Structures Activity type: Game Engineer: Fionah</p>	-	MTH1-16a MTH1-17a MNU1-20b	-	-	SCN1-07a	TCH1-10a TCH1-11a TCH1-12a TCH1-13a
 <p>Structures and balancing Topics: Climate Change, Structures Activity type: Music Engineer: Fionah</p>	-	MNU1-11a MTH1-16a	EXA1-06a	HWB1-21a HWB1-22a	SCN1-07a SCN1-15a	TCH1-04c TCH1-12a
 <p>Water clean up game Topic: Health Activity type: Game Engineer: Irene</p>	-	MTH1-17a MNU1-20b	-	-	-	TCH1-04b TCH1-04c TCH1-10a TCH1-12a TCH1-13a
 <p>Space junk tidy up Topic: Space Activity type: Game Engineer: Jinglang</p>	-	MNU1-01a MTH1-17a	EXA-1-02a EXA1-06a	-	SCN1-07a SCN1-15a	TCH1-04b TCH1-04c TCH1-09a TCH1-10a TCH1-11a TCH1-12a
 <p>Hula hooping and orbits Topic: Space Activity type: Circus Engineer: Jinglang</p>	-	MTH1-17a	-	HWB1-21a HWB1-22a	SCN1-04a SCN1-07a	TCH1-04c TCH1-12a

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 <p>Build a tower/exploring foundations Topic: Structures Activity type: Engineering Challenge Engineer: Moh</p>	-	MNU1-01a MNU1-11a MTH1-16a	EXA-1-02a EXA1-06a	-	SCN1-07a SCN1-15a	TCH1-04c TCH1-04d TCH1-09a TCH1-10a TCH1-11a TCH1-12a
 <p>Computer vision game Topic: Computing Activity type: Game Engineer: Paul</p>	LIT1-01a	MTH1-16a MTH1-17a MNU1-20b	EXA-1-02a	-	-	TCH1-11a TCH1-12a TCH1-13a
 <p>Juggling Topic: Computing Activity type: Circus Engineer: Paul</p>	-	MTH1-17a	-	HWB1-21a HWB1-22a	SCN1-04a	TCH1-04c TCH1-12a
 <p>Build a solar oven Topics: Climate Change, Energy Activity type: Engineering Challenge Engineer: Salma</p>	LIT1-01a	MNU1-11a	EXA-1-02a EXA1-06a	-	SCN1-04a SCN1-15a	TCH1-04a TCH1-04b TCH1-04c TCH1-04d TCH1-09a TCH1-10a TCH1-11a TCH1-12a
 <p>Mission to Mars Topic: Space Activity type: Dance Engineer: Sara</p>	LIT1-02a LIT1-04a	-	EXA1-08a EXA1-09a EXA1-10a EXA1-12a EXA1-14a	HWB1-21a HWB1-22a	-	TCH1-12a
 <p>Space rover design - app and craft Topic: Space Activity types: App, Art/Craft Engineer: Sara</p>	-	MNU1-11a	EXA-1-02a EXA1-06a	-	SCN1-15a	TCH1-01a TCH1-04b TCH1-04c TCH1-09a TCH1-10a TCH1-11a TCH1-12a TCH1-13a

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 <p>Build your own spectroscope Topic: Space Activity type: Science experiment Engineer: Sara</p>	-	MNU1-11a	EXA-1-02a	-	-	TCH1-04c TCH1-04d TCH1-09a TCH1-10a TCH1-12a
 <p>Aeroplane model making Topic: Flight Activity types: Art/Craft, Activity sheet Engineer: Sarah</p>		MNU1-11a MTH1-16a MNU1-20b	EXA-1-02a EXA-1-06a		SCN1-15a	TCH1-04b TCH1-04c TCH1-04d TCH1-09a TCH1-10a TCH1-11a TCH1-12a TCH1-13a
 <p>Amy Johnson songs Topic: Flight Activity type: Music Engineer: Sarah</p>			EXA1-16a			TCH1-12a
 <p>Coral drama Topic: Climate Change Activity type: Drama Engineer: Uwe</p>	LIT1-02a LIT1-04a LIT1-07a		EXA1-08a EXA1-09a EXA1-10a EXA1-12a EXA1-14a	HWB1-21a HWB1-22a		TCH1-12a
 <p>Coral strength testing Topic: Climate Change Activity types: Science experiment, Art Engineer: Uwe</p>		MNU1-01a MNU1-11a	EXA-1-02a		SCN1-07a SCN1-15a	TCH1-04b TCH1-04c TCH1-04d TCH1-09a TCH1-10a TCH1-11a TCH1-12a
 <p>Comics Topic: Multiple Activity type: Comics Engineers: Adah, Doug, Faisal, Farnaz, Fionah, Jinglang, Irene, Sarah</p>	LIT1-07a					TCH1-04b TCH1-12a