

August 2023

Course Mapping Guide Independent Training Providers

About CENTURY

CENTURY is a learning platform that uses artificial intelligence to personalise learning for every learner. Our team of experienced teachers have created all of our content for English, maths and science from years 2 to 11, as well as functional skills content for post-16 learners. All courses are aligned to the national curriculum and national standards.

- ✓ Learning materials and questions for primary, secondary and post-16 learners
- ✓ Tailored to each learner's skills and knowledge
- ✓ Powered by the world's leading adaptive learning platform
- ✓ Web-based learning for tablets, laptops and desktops



Content Preview

FE courses

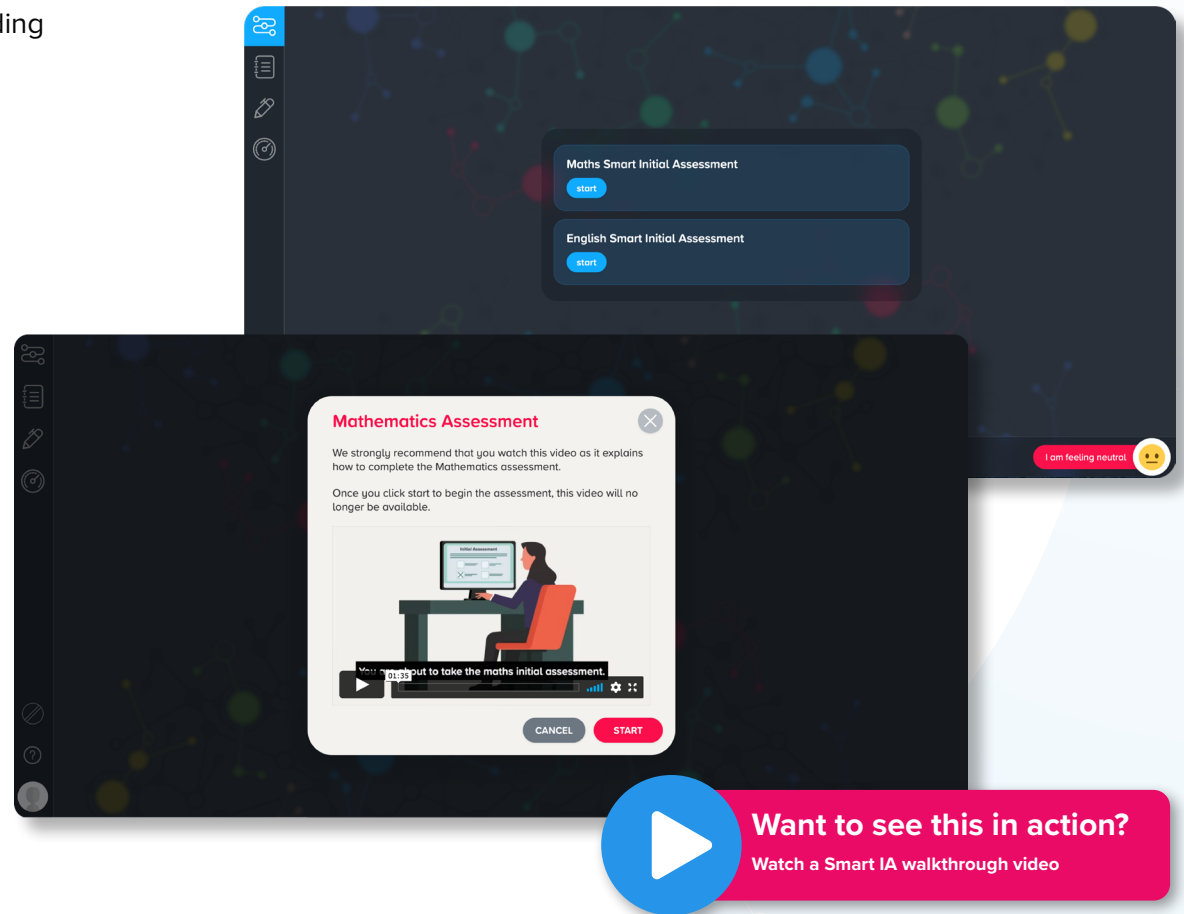
- ✓ A variety of question types within each nugget
- ✓ Students given different questions on each attempt to complete the nugget
- ✓ Learning material presented in a slideshow and video format
- ✓ Created by a team of experienced teachers
- ✓ Instant feedback for students to help them improve

Introducing Smart IA Initial Assessments

NEW

We have developed a brand new assessment tool which is unique in the market in how it integrates the Initial Assessment with the ongoing learning journey, and combines our expertise in building adaptive assessments with our best in-class Functional Skills content and proven learner outcomes.

- ✓ A brand new Functional Skills assessment for both maths and English
- ✓ Adaptive tests designed to maximise the accuracy of the result
- ✓ Approximately 20-30 minutes per assessment (depending on the learner)
- ✓ Thoughtfully designed experience which prioritises accessibility and simplicity for learners with limited IT skills
- ✓ Downloadable results which can only be viewed by the tutor



Want to see this in action?

Watch a Smart IA walkthrough video

Course List

ITP

Our FE GCSE courses are adapted from our secondary courses, with adult learners in mind. The courses have diagnostics which are designed to quickly identify a learner's strengths and weaknesses.

Our Functional Skills courses cover the knowledge and skills required for the Functional Skills qualifications, mapped to the national requirements outlined by the DfE.

English Functional Skills

→ **FE – English**
Functional Skills (Entry 1)
Diagnostics 0 Strands 1 Nuggets 15
[View Course Content](#)

→ **FE – English**
Functional Skills (Entry 2)
Diagnostics 0 Strands 2 Nuggets 30
[View Course Content](#)

→ **FE – English**
Functional Skills (Entry 3)
Diagnostics 3 Strands 7 Nuggets 49
[View Course Content](#)

→ **FE – English**
Functional Skills (Level 1)
Diagnostics 3 Strands 7 Nuggets 53
[View Course Content](#)

→ **FE – English**
Functional Skills (Level 2)
Diagnostics 3 Strands 9 Nuggets 70
[View Course Content](#)

Mathematics Functional Skills

→ **FE – Mathematics**
Functional Skills (Entry 1)
Diagnostics 3 Strands 5 Nuggets 33
[View Course Content](#)

→ **FE – Mathematics**
Functional Skills (Entry 2)
Diagnostics 3 Strands 5 Nuggets 72
[View Course Content](#)

→ **FE – Mathematics**
Functional Skills (Entry 3)
Diagnostics 3 Strands 5 Nuggets 74
[View Course Content](#)

→ **FE – Mathematics**
Functional Skills (Level 1)
Diagnostics 3 Strands 19 Nuggets 154
[View Course Content](#)

→ **FE – Mathematics**
Functional Skills (Level 2)
Diagnostics 3 Strands 19 Nuggets 285
[View Course Content](#)

Digital Skills

→ **FE – Essential**
Digital Skills (Entry 3)
Diagnostics 5 Strands 7 Nuggets 35
[View Course Content](#)

→ **FE – Essential**
Digital Skills (Level 1)
Diagnostics 10 Strands 9 Nuggets 80
[View Course Content](#)



Course Content

FE – English Functional Skills (Entry 1)



Diagnostics 1 Strands 3 Nuggets 36

This course contains spelling tests of the words assessed for Entry Level 1.

Nuggets

Strand	Code	Nugget Name
Diagnostic	EA0.01	Diagnostic: Entry 1
Spellings	EA1.01	Spellings 1
	EA1.02	Spellings 2
	EA1.03	Spellings 3
	EA1.04	Spellings 4
	EA1.05	Spellings 5
	EA1.06	Spellings 6
	EA1.07	Spellings 7
	EA1.08	Spellings 8
	EA1.09	Spellings 9
	EA1.10	Spellings 10
	EA1.11	Spellings 11
	EA1.12	Spellings 12
	EA1.13	Spellings 13
	EA1.14	Spellings 14

Strand	Code	Nugget Name
Punctuation and Grammar	EA1.15	Spellings 15
	EA2.01	Capital Letters & Full Stops
	EA2.02	Nouns
	EA2.03	Pronouns
	EA2.04	Capital Letters: Proper Nouns & I
	EA2.05	Subject of a Sentence
	EA2.06	Verbs
	EA2.07	Simple Sentences: Subject & Verb
	EA2.08	Simple Sentences: One Idea
	EA2.09	Alphabet
EA2.10	Upper & Lower Case	
Reading	EA3.01	Reading: Practice 1
	EA3.02	Reading: Practice 2
	EA3.03	Reading: Practice 3
	EA3.04	Reading: Practice 4
	EA3.05	Reading: Practice 5
	EA3.06	Reading: Practice 6
	EA3.07	Reading: Practice 7
	EA3.08	Reading: Practice 8
	EA3.09	Reading: Practice 9
	EA3.10	Reading: Practice 10

Course Content

FE – English Functional Skills (Entry 2)



Diagnostics 1 Strands 5 Nuggets 59

This course contains spelling tests of the words assessed for Entry Level 1 and Entry Level 2.

Nuggets

Strand	Code	Nugget Name
Diagnostic	EB0.01	Diagnostic: Entry 2
Spellings (Entry Level 1)	EA1.01	Spellings 1
	EA1.02	Spellings 2
	EA1.03	Spellings 3
	EA1.04	Spellings 4
	EA1.05	Spellings 5
	EA1.06	Spellings 6
	EA1.07	Spellings 7
	EA1.08	Spellings 8
	EA1.09	Spellings 9
	EA1.10	Spellings 10
	EA1.11	Spellings 11
	EA1.12	Spellings 12
	EA1.13	Spellings 13

Strand	Code	Nugget Name	
Spellings (Entry Level 1)	EA1.14	Spellings 14	
	EA1.15	Spellings 15	
	EB1.16	Spellings 16	
	EB1.17	Spellings 17	
	EB1.18	Spellings 18	
	EB1.19	Spellings 19	
	EB1.20	Spellings 20	
	EB1.21	Spellings 21	
	EB1.22	Spellings 22	
	EB1.23	Spellings 23	
Spellings (Entry Level 2)	EB1.24	Spellings 24	
	EB1.25	Spellings 25	
	EB1.26	Spellings 26	
	EB1.27	Spellings 27	
	EB1.28	Spellings 28	
	EB1.29	Spellings 29	
	EB1.30	Spellings 30	
	Punctuation and Grammar	EB2.01	Question Marks
		EB2.02	Exclamation Marks
		EB2.03	Plurals 1
EB2.04		Plurals 2	
EB2.05		Alphabetical Order 1	

Strand	Code	Nugget Name
Punctuation and Grammar	EB2.06	Alphabetical Order 2
	EB2.07	Compound Sentences & Conjunctions
	EB2.08	Adjectives
	EB2.09	Linking Words
	EA2.01	Capital Letters & Full Stops
	EA2.02	Nouns
	EA2.03	Pronouns
	EA2.04	Capital Letters: Proper Nouns & I
	EA2.05	Subject of a Sentence
	EA2.06	Verbs
	EA2.07	Simple Sentences: Subject & Verb
	EA2.08	Simple Sentences: One Idea
	EA2.09	Alphabet
Reading	EB3.01	Reading: Practice 1
	EB3.02	Reading: Practice 2
	EB3.03	Reading: Practice 3
	EB3.04	Reading: Practice 4
	EB3.05	Reading: Practice 5
	EB3.06	Reading: Practice 6
	EB3.07	Reading: Practice 7
	EB3.08	Reading: Practice 8
	EB3.09	Reading: Practice 9
	EB3.10	Reading: Practice 10

Course Content

FE – English Functional Skills (Entry 3)



Diagnostics 3 Strands 6 Nuggets 49

This course covers reading and writing skills, including spelling, punctuation and grammar, for Functional Skills Entry Level 3. It includes spelling tests for all words designated for Entry Level 1, 2 and 3. It is suitable for all exam boards.

Strands

A strand is a sequence of nuggets grouped by theme or topic, forming a high-level organisation of content within a course.

Strand	Nuggets
Diagnostics	3
Finding Information in Texts	9
Text Types	5
Writing Correctly	14
Writing	6
Spelling Tests - Entry Level 3 Words	15

Nuggets

A nugget is a micro-lesson that contains learning material followed by questions to assess learning.

Strand	Code	Nugget Name
Diagnostics	EC0.01	Diagnostic: Entry 3
	EC0.03	Diagnostic: Entry 3 - Reading
	EC0.02	Diagnostic: Entry 3 - Writing

Strand	Code	Nugget Name
Finding Information in Texts	EC1.01	Identifying the Main Point
	EC1.02	Finding Key Words
	EC1.03	Layout - Subheadings
	EC1.04	Layout - Bullet Points, Tables and Fonts
	EC1.05	Layout (Organisational Features)
	EC1.06	Reading - Using a Dictionary
	EC1.07	Finding the Meaning of Words
	EC1.08	Identifying Form and Purpose
	EC1.09	Reading the Question
Text Types	EC2.01	Emails
	EC2.02	Letters
	EC2.03	Reports
	EC2.04	Filling in Forms
	EC2.05	Instructions
Writing Correctly	EC3.01	Words That Sound the Same 1
	EC3.02	Words That Sound the Same 2
	EC3.03	Homophones
	SPAG6.06	Contractions
	EC3.05	Tricky Words
	EC3.06	Past/ Present/ Future
	EC3.07	Sentence Punctuation
	EC3.08	Writing in Sentences

Strand	Code	Nugget Name
Writing Correctly	EC3.09	Verbs
	EC3.10	Joining Words
	EC3.11	Making Words Plural
	EC3.12	Prefixes and Suffixes
	SPAG2.10	Definite and Indefinite Articles
	EC3.14	Alphabetical Sequencing
Writing	EC4.01	Audience
	EC4.02	Form and Purpose
	EC4.03	Paragraphs
	EC4.04	Structuring Devices
	EC4.05	Planning
	EC4.06	Drafting
Spelling Tests - Entry Level 3 Words	EC5.01	Spellings 31
	EC5.02	Spellings 32
	EC5.03	Spellings 33
	EC5.04	Spellings 34
	EC5.05	Spellings 35
	EC5.06	Spellings 36
	EC5.07	Spellings 37
	EC5.08	Spellings 38
	EC5.09	Spellings 39
	EC5.10	Spellings 40

Strand	Code	Nugget Name
Spelling Tests - Entry Level 3 Words	EC5.11	Spellings 41
	EC5.12	Spellings 42
	EC5.13	Spellings 43
	EC5.14	Spellings 44
	EC5.15	Spellings 45

Course Content

FE – English Functional Skills (Level 1)



Diagnostics 3 Strands 6 Nuggets 53

This course covers reading and writing skills, including spelling, punctuation and grammar, for Functional Skills Level 1. It is suitable for all exam boards.

Strands

A strand is a sequence of nuggets grouped by theme or topic, forming a high-level organisation of content within a course.

Strand	Nuggets
Diagnostics	3
Understanding the Text	8
Spellings	7
Punctuation and Sentences	9
Language and Organisational Features	15
Writing	14

Nuggets

A nugget is a micro-lesson that contains learning material followed by questions to assess learning.

Strand	Code	Nugget Name
Diagnostics	ED0.04	Diagnostic: Level 1
	ED0.01	Diagnostic: Level 1 - Reading
	ED0.02	Diagnostic: Level 1 - Writing

Strand	Code	Nugget Name
Understanding the Text	ED1.01	Identifying the Main Point
	ED1.02	Finding Quotations
	ED1.03	Finding Information
	ED1.04	Comparing
	EC1.08	Identifying Form and Purpose
	ED1.05	Facts
	ED1.06	Opinions
	ED1.07	Reading - Using a Dictionary
Spellings	EC3.05	Tricky Words
	EC3.01	Words That Sound the Same 1
	EC3.02	Words That Sound the Same 2
	SPAG6.06	Contractions
	EC3.03	Homophones
	EC3.12	Prefixes and Suffixes
	EC3.11	Making Words Plural
Punctuation and Sentences	ED2.01	Full Stops and Capital Letters
	ED2.02	Commas
	ED2.03	Exclamation Marks
	SPAG2.10	Definite and Indefinite Articles
	EC3.06	Past/ Present/ Future
	EC3.09	Verbs

Strand	Code	Nugget Name
Punctuation and Sentences	ED2.04	Question Marks
	ED2.05	Apostrophes of Possession
	ED2.06	Sentence Structure - Complex Sentences
Language and Organisational Features	ED4.01	Headings, Subheadings and Paragraphs
	ED4.02	Layout 1
	ED4.03	Layout 2
	ED4.04	Finding Meaning in Photographs and Images
	ED4.05	Recognising Language Types
	ED4.06	Explaining Vocabulary
	ED4.07	Formal and Informal Language
	ED4.08	Similes and Metaphors
	ED4.09	Anecdotes and Examples, Fact and Statistics
	ED4.10	Lists, Rule of Three, Repetition, Alliteration
	ED4.11	Contrasting and Exaggeration (Hyperbole)
	ED4.12	Rhetorical Questions, Direct Address and Imperatives
	ED4.13	Humour and Puns, Sayings and Idioms
	ED4.14	Point of View
	ED4.15	Emotive Language and Mood
Writing	ED5.01	Letters
	ED5.02	Articles
	ED5.03	Reviews

Strand	Code	Nugget Name
Writing	ED5.04	Emails
	ED5.05	Forums
	ED5.06	Blogs
	ED5.07	Reports
	ED5.08	Headings
	ED5.09	Paragraphs and Connectives
	ED5.10	Responding to Information in Questions
	ED5.11	Advantages and Disadvantages
	ED5.12	Planning
	ED5.13	Proofreading
	ED5.14	Purpose, Audience and Form

Course Content

FE – English Functional Skills (Level 2)



Diagnostics 3 Strands 8 Nuggets 70

This course covers reading and writing skills, including spelling, punctuation and grammar, for Functional Skills Level 2. It is suitable for all exam boards.

Strands

A strand is a sequence of nuggets grouped by theme or topic, forming a high-level organisation of content within a course.

Strand	Nuggets
Diagnostics	3
Finding Meaning in Text	11
Textual Features and Devices	9
Language and Structure	6
Using Correct Grammar	5
Punctuation	8
Spellings	7
Writing	24

Nuggets

A nugget is a micro-lesson that contains learning material followed by questions to assess learning.

Strand	Code	Nugget Name
Diagnostics	EE0.01	Diagnostic: Level 2
	EE0.04	Diagnostic: Level 2 - Reading
	EE0.02	Diagnostic: Level 2 - Writing

Strand	Code	Nugget Name
Finding Meaning in Text	EE1.01	Selecting Evidence
	EE1.02	Scanning
	EE1.03	Comprehension
	EE1.04	Bias
	EE1.05	Reading - Using a Dictionary
	EE1.06	Facts and Opinions
	EE1.07	Identifying Purpose and Form
	EE1.08	Inference
	EE1.09	Comparison
	EE1.10	Comparing Language
	EE1.11	Understanding the Text
Textual Features and Devices	ED4.08	Similes and Metaphors
	ED4.09	Anecdotes and Examples, Fact and Statistics
	ED4.10	Lists, Rule of Three, Repetition, Alliteration
	ED4.11	Contrasting and Exaggeration (Hyperbole)
	ED4.12	Rhetorical Questions, Direct Address and Imperatives
	ED4.13	Humour and Puns, Sayings and Idioms
	ED4.14	Point of View
	ED4.15	Emotive Language and Mood
EE4.01	Tone and Style	

Strand	Code	Nugget Name
Language and Structure	EE2.01	Formal and Informal Writing
	EE2.02	Layout- Subheadings
	EE2.03	Organisational Features 1
	EE2.04	Organisational Features 2
	EE2.05	Organisational Features 3
	EE2.07	Vocabulary Use
Using Correct Grammar	SPAG2.10	Definite and Indefinite Articles
	ED2.06	Sentence Structure - Complex Sentences
	SPAG3.05	Modal Verbs
	EE3.02	Tenses
	EC3.09	Verbs
Punctuation	EE5.01	Full Stops and Capital Letters
	EE5.02	Commas
	EE5.03	Question Marks
	EE5.04	Exclamation Marks
	EE5.05	Apostrophes
	EE5.06	Inverted Commas (Quotation Marks)
	EE5.07	Colons and Semicolons
	EE5.08	Brackets
Spellings	EE6.01	Spelling: Homophones 1
	EE6.02	Spelling: Homophones 2
	EE6.03	Spelling: Homophones 3

Strand	Code	Nugget Name
Spellings	EE6.04	Spelling: Double Letters
	EE6.05	Spelling: Silent Letters
	EE6.06	Spelling: Words with Vowels
	EC3.11	Making Words Plural
	ED5.14	Purpose, Audience and Form
	EE7.01	Letters
Writing	EE7.02	Articles
	EE7.03	Reviews
	EE7.04	Emails
	EE7.05	Forums
	EE7.06	Speeches
	EE7.07	Blogs
	EE7.08	Reports
	EE7.09	Leaflets
	EE7.10	Headings
	EE7.11	Structuring Writing
	ED5.12	Planning
	ED5.13	Proofreading
	EE7.12	Writing to Persuade and Argue
	EE7.13	Writing to Advise, Inform and Instruct
EE7.14	Writing to Describe and Explain	

Strand	Code	Nugget Name
Writing	EE7.15	Paragraphs in Writing - Overview
	EE7.16	Paragraphs in Writing - Connectives
	EE7.17	Connectives
	EE7.18	Paragraphs in Writing - Introducing Arguments
	EE7.19	Both Sides of an Argument
	EE7.20	Questions - Responding to Information
	EE7.21	Weighing Up An Argument

Course Content

FE – Mathematics Functional Skills (Entry 1)



Diagnostics 3 Strands 4 Nuggets 33

This course contains material to cover mathematics as part of the Functional Skills Entry Level 1 qualification. It is suitable for all exam boards.

Strands

A strand is a sequence of nuggets grouped by theme or topic, forming a high-level organisation of content within a course.

Strand	Nuggets
Diagnostics	3
Number	11
Measure	17
Data	5

Nuggets

A nugget is a micro-lesson that contains learning material followed by questions to assess learning.

Strand	Code	Nugget Name
Diagnostics	MA0.01	Diagnostic: Entry 1 - Non Calculator
	MA0.02	Diagnostic: Entry 1 - Calculator
	MA0.03	Diagnostic: Entry 1

Strand	Code	Nugget Name
Number	MA1.01	Read Numbers up to 20
	MA1.02	Write Numbers up to 20
	MA1.03	Compare Numbers up to 20
	MA1.04	Order Numbers up to 20
	MA1.05	Read, Write, Order and Compare - Exam Style
	MA1.06	Count Items up to 20
	MA1.07	Recognise +, – and =
	MA1.08	Adding Numbers up to 20
	MA1.09	Subtracting Numbers up to 20
	MA1.10	Add and Subtract: Exam Style
	MA1.11	Checking Answers with Add and Subtract: Exam Style
Measure	MC2.02	Money 1: Recognise Coins and Notes
	MC2.05	Money 2: Exam-Style Questions
	MA2.01	Reading a 12-hour Digital Clock
	MF37.01	Reading a 12-Hour Clock 1: O'Clock and Half Past
	MA2.02	Days of the Week
MA2.03	Months of the Year	
MA2.04	Seasons in a Year	
MA2.05	Days, Weeks, Months and Seasons	

Strand	Code	Nugget Name
	MA2.06	Identifying 2D Shapes
	MA2.07	Identifying 2D and 3D Shapes
	MA2.08	Describe and Compare Size
	MA2.09	Weight and Capacity
	MA2.10	Length and Width
	MA2.11	Left and Right
	MA2.12	In Front and Behind
	MA2.13	Under and Above
	MA2.14	Positional Vocabulary (combined)
	MC3.02	Lists 1: Least and Greatest
	MC3.03	Lists 2: Finding Certain Values in Given Groups
Data	MA3.01	Sort and Classify Objects
	MA3.02	Tally Charts
	MA3.03	Block Diagrams

Course Content

FE – Mathematics Functional Skills (Entry 2)



Diagnostics 2 Strands 4 Nuggets 72

This course contains material to cover mathematics as part of the Functional Skills Entry Level 2 qualification. It is suitable for all exam boards.

Strands

A strand is a sequence of nuggets grouped by theme or topic, forming a high-level organisation of content within a course.

Strand	Nuggets
Diagnostics	2
Number	32
Measure	30
Data	10

Nuggets

A nugget is a micro-lesson that contains learning material followed by questions to assess learning.

Strand	Code	Nugget Name
Diagnostics	MB0.01	Diagnostic: Entry 2 - Non Calculator
	MB0.02	Diagnostic: Entry 2 - Calculator
	MB0.03	Diagnostic: Entry 2

Strand	Code	Nugget Name
Number	MB1.01	Count Items up to 100
	MB1.02	Read Numbers up to 200
	MB1.03	Write Numbers up to 200
	MB1.04	Compare Numbers up to 200
	MB1.05	Order Numbers up to 200
	MB1.06	Recognise Odd and Even Numbers
	MB1.07	Sequence Odd and Even Numbers
	MA1.07	Recognise +, – and =
	MB1.08	Recognise x and ÷
	MB1.09	Interpreting Mathematical Symbols
	MB1.10	Adding Two-Digit Numbers 1
	MB1.11	Adding Two-Digit Numbers 2
	MB1.12	Subtracting Two-Digit Numbers 1
	MB1.13	Subtracting Two-Digit Numbers 2
	MB1.14	Adding and Subtracting Two-Digit Numbers
	MB1.15	Times Tables: 0 and 1
	MF1.04	Times Tables: 2, 5 and 10
	MF1.05	Times Tables: 3 and 4
	MF1.06	Times Tables: 6 and 7
MF1.07	Times Tables: 8 and 9	
MF1.08	Times Tables: 11 and 12	
MB1.16	Multiplication Problems	
MB1.17	2 Digits Divided by 1 Digit (No Remainders)	
MB1.18	2 Digits Divided by 1 Digit (With Remainders)	
MB1.19	Rounding to the Nearest 10	

Strand	Code	Nugget Name
Number	MB1.20	Checking Answers Using Rounding
	MB1.21	Recognising a Half and a Quarter
	MB1.22	Recognising a Tenth
	MB1.23	Finding Fractions of Whole Numbers
	MB1.24	Reading and Writing Decimals
	MB1.25	Comparing and Ordering Decimals
	MB1.26	Adding and Subtracting Decimals
Measure	MC2.02	Money 1: Recognise Coins and Notes
	MC2.05	Money 2: Exam-Style Questions
	MB2.01	Money 3: Coins and Notes Problems
	MF37.01	Reading a 12-Hour Clock 1: O'Clock and Half Past
	MB2.02	Reading a 12-hour Clock 2
	MB2.03	Converting Time: 24 Hour Clock
	MA2.04	Seasons in a Year
	MA2.05	Days, Weeks, Months and Seasons
	MB2.04	Hours in a Day and Weeks in a Year
	MB2.05	Reading the Date
	MA2.08	Describe and Compare Size
	MA2.09	Weight and Capacity
	MA2.10	Length and Width
	MB2.06	Measures of Length
	MB2.07	Measures of Weight
MB2.08	Measures of Capacity	
MB2.09	Read and Compare Positive Temperatures	

Strand	Code	Nugget Name	
Measure	MB2.10	Reading Simple Scales	
	MB2.11	Using Simple Scales	
	MA2.07	Identifying 2D and 3D Shapes	
	MB2.12	Naming 2D Shapes	
	MB2.13	Naming 3D Shapes	
	MB2.14	Describing 2D Shapes	
	MB2.15	Describing 3D Shapes	
	MA2.11	Left and Right	
	MA2.12	In Front and Behind	
	MA2.13	Under and Above	
	MA2.14	Positional Vocabulary (combined)	
	MB2.16	Middle, Below, On Top	
	MB2.17	Between, Inside, Outside	
	MB2.18	Forwards and Backwards	
	MC3.02	Lists 1: Least and Greatest	
	MC3.03	Lists 2: Finding Certain Values in Given Groups	
	Data	MA3.02	Tally Charts
		MC3.01	Tables
MB3.01		Diagrams	
MA3.03		Block Diagrams	
MB3.02		Bar Charts	
MA3.01		Sort and Classify Objects	
MB3.03		Sort and Classify Objects (two criteria)	
MB3.04	Representing Information in Bar Charts		

Course Content

FE – Mathematics Functional Skills (Entry 3)



Diagnostics 3 Strands 4 Nuggets 75

This course contains material to cover mathematics as part of the Functional Skills Entry Level 3 qualification. It is suitable for all exam boards.

Strands

A strand is a sequence of nuggets grouped by theme or topic, forming a high-level organisation of content within a course.

Strand	Nuggets
Diagnostics	3
Number	31
Measure	35
Data	9

Nuggets

A nugget is a micro-lesson that contains learning material followed by questions to assess learning.

Strand	Code	Nugget Name
Diagnostics	MC0.01	Diagnostic: Entry 3 - Non Calculator
	MC0.02	Diagnostic: Entry 3 - Calculator
	MC0.03	Diagnostic: Entry 3

Strand	Code	Nugget Name
Number	MF2.01	Integer Place Value
	MC1.01	Reading and writing numbers up to 1000
	MB1.05	Order Numbers up to 200
	MF2.08	Ordering Integers
	MC1.02	Column Addition (no exchanging)
	MC1.03	Column Addition (with exchanging)
	MC1.04	Column Subtraction (no exchanging)
	MC1.05	Column Subtraction (with exchanging)
	MF1.03	Addition and Subtraction
	MF3.03	Addition and Subtraction: Worded Questions
	MF1.11	Division: 1, 2, 3, 4, 5 and 10
	MF1.12	Division: 6, 7, 8, 9, 11 and 12
	MF1.13	Division: Mixed
	MC1.06	Dividing 2 and 3 digit Numbers (partitioning with no remainders)
	MC1.07	Dividing 2 and 3 digit Numbers (using partitioning with remainders)
	MC1.08	Dividing 2 and 3 digit Numbers (short division)
	MC1.09	Multiplying using Partitioning
	MC1.10	Multiplying 2 and 3 Digit Numbers
	MF3.07	Column Multiplication
	MC1.11	Rounding to the Nearest 10
	MC1.12	Rounding to the Nearest 100
	MC1.13	Continuing Sequences

Strand	Code	Nugget Name
Number	MC1.14	Sequences: Finding the Term-to-Term Rule
	MC1.15	Sequences: Using the Term-to-Term Rule
	MC1.16	Sequences: Diagrams 1
	MC1.17	Identifying Fractions
	MF4.03	Equivalent Fractions
	MF4.04	Simplifying Fractions
	MF4.05	Shading Fractions
	MF6.01	Decimal Place Value
	MC1.18	Continuing Sequences with Decimals
MC1.19	Finding Unit Fractions of Amounts	
Measure	MC2.01	Pounds and Pence
	MC2.02	Money 1: Recognise Coins and Notes
	MC2.03	Adding Amounts of Money
	MC2.04	Finding Change
	MC2.05	Money 2: Exam-Style Questions
	MC2.06	Solving Money Problems 1
	MC2.07	Multiplying Amounts of Money
	MC2.08	Dividing Amounts of Money
	MC2.09	Solving Money Problems 2
	MC2.10	Estimating Amounts of Money
	MF37.04	Converting Time: AM and PM
	MF37.01	Reading a 12-Hour Clock 1: O'Clock and Half Past

Strand	Code	Nugget Name
Measure	MF37.02	Reading a 12-Hour Clock 2: Multiples of 5
	MF37.03	Reading a 12-Hour Clock 3: Mixed
	MC2.11	12 hour and 24 hour Clocks
	MC2.12	Units of Measure
	MC2.13	Length
	MC2.14	Mass
	MC2.15	Volume and Capacity
	MC2.16	Temperature
	MC2.17	Converting Length
	MC2.18	Converting Mass
	MC2.19	Converting Volume
	MC2.20	Imperial Units of Length
	MC2.21	Imperial Units of Mass
	MC2.22	Imperial Units of Volume and Capacity
	MC2.23	Solving Length Problems with Conversion
	MC2.24	Solving Mass Problems with Conversion
	MC2.25	Rounding Units on a Scale
	MC2.26	Solving Problems with Metric Units
	MC2.27	Using a Ruler
	MC2.28	Identifying Angles
	MC2.29	Lines of Symmetry
	MC2.30	Describing Movement
	MC2.31	Describing Direction

Strand	Code	Nugget Name
Data	MC3.01	Tables
	MF50.04	Bar Charts
	MC3.02	Lists 1: Least and Greatest
	MC3.03	Lists 2: Finding Certain Values in Given Groups
	MF50.06	Vertical Line Graphs
	MC3.04	Interpreting Tables
	MC3.05	Drawing Tables
	MF50.05	Multiple and Composite Bar Charts
	MB3.03	Sort and Classify Objects (two criteria)

Course Content

FE – Mathematics Functional Skills (Level 1)



Diagnostics 2 Strands 18 Nuggets 154

This course contains material to cover mathematics as part of the Functional Skills Level 1 qualification. It is suitable for all exam boards.

Strands

A strand is a sequence of nuggets grouped by theme or topic, forming a high-level organisation of content within a course.

Strand	Nuggets
Diagnostics	3
Integers	16
Decimals	11
Fractions	10
Percentages	12
Fractions, Decimals, and Percentages	12
Rounding	6
Proportion	10
Algebra	2
Measures	17
Angles	8
2D and 3D shapes	10

Strand	Nuggets
Area and Perimeter	9
Volume and Surface Area	3
Handling Data	15
Probability	5
Functional	4
Money	4

Nuggets

A nugget is a micro-lesson that contains learning material followed by questions to assess learning.

Strand	Code	Nugget Name
Diagnostics	MD0.01	Diagnostic: Level 1 - Non Calculator
	MD0.02	Diagnostic: Level 1 - Calculator
	MD0.03	Diagnostic: Level 1
Integers	MF3.17	Using a Calculator 1: Powers and Roots of a Single Number
	MF2.01	Integer Place Value
	MC1.01	Reading and writing numbers up to 1000
	MD1.01	Reading Large Numbers
	MD1.02	Writing Large Numbers
	MF2.02	Mathematical Symbols
	MF2.14	Negative Numbers
	MD1.04	Ordering Integers

Strand	Code	Nugget Name	
Integers	MD1.05	Ordering Negatives	
	MF3.01	Column Addition	
	MF3.02	Column Subtraction	
	MD1.06	Addition and Subtraction: Worded Questions	
	MD1.07	Multiplying by Powers of Ten	
	MD1.08	Dividing by Powers of Ten	
	MD1.09	Multiplication and Division Facts	
	MD1.10	Multiplication and Division: Worded Questions	
	MD1.11	Squares	
	MD1.13	Powers (Basic Calculator)	
Decimals	MF6.01	Decimal Place Value	
	MF2.09	Ordering Decimals	
	MD2.01	Adding Decimals 1	
	MD2.02	Adding Decimals 2	
	MF6.04	Subtracting Decimals 1: Calculations	
	MF6.05	Subtracting Decimals 2: Worded Problems	
	MF6.06	Multiplying Decimals 1	
	MF6.07	Multiplying Decimals 2	
	MF6.09	Dividing Decimals	
	MF6.12	Manipulating Decimal Calculations with Multiplication	
	MF6.13	Manipulating Decimal Calculations with Division	
	Fractions	MF4.01	Expressing Fractions
		MD3.01	Equivalent Fractions

Strand	Code	Nugget Name
Fractions	MD3.02	Simplifying Fractions
	MF4.05	Shading Fractions
	MF4.02	Ordering Fractions
	MF4.39	Fraction of Amounts: Modelling
	MD3.03	Fraction of Amounts: Non-Calculator
	MD3.04	Fraction of Amounts: Calculator
	MF4.06	Mixed and Improper Fractions
	MD3.05	Estimating Fractions
	MF7.01	Understanding Percentages
	MD4.01	Finding 50%
	MD4.02	Finding 25%
Percentages	MD4.03	Finding 10%
	MD4.04	Finding 5%
	MD4.06	Finding Multiples of Tens in Percentages
	MF7.15	Percentages of Amounts: Modelling
	MF7.14	Estimate with Percentages
	MD4.08	Comparing Percentages 1
	MD4.09	Percentage Increase and Decrease: Functional Skills
	MD4.10	Simple Interest: Multiples of 5%
	MD4.12	Discounts

Strand	Code	Nugget Name
Fractions, Decimals, and Percentages	MF8.01	Introduction to Fractions, Decimals and Percentages
	MD5.01	Converting Fractions to Denominator 100
	MD5.02	Fractions to Percentage
	MD5.03	Fractions to Percentages (Calculator)
	MD5.04	Decimals to Percentage
	MD5.05	Percentage to Decimals
	MD5.06	Fractions to Decimals 1
	MD5.07	Fractions to Decimals 2
	MD5.08	Fractions to Decimals (Calculator)
	MD5.09	Percentage to Fractions
Rounding	MD6.01	Rounding to the nearest 10, 100 and 1000
	MD6.02	Rounding to the Nearest Whole Number
	MD6.03	Rounding to 1 Decimal Place
	MD6.04	Rounding to 2 Decimal Places
	MD6.05	Introduction to Estimation
	MD6.06	Estimation: Functional Skills
	MF8.14	Ordering Fractions, Decimals and Percentages 1: Unit Fractions (Non-Calculator)
Proportion	MF15.01	Introduction to Ratio
	MD8.01	Simplifying Ratios
	MF15.12	Converting Fractions into Ratios
	MF15.15	Sharing with a Given Ratio: Modelling

Strand	Code	Nugget Name
Proportion	MD8.02	Sharing with a Given Ratio 1
	MD8.03	Sharing with a Given Ratio 2 (Calculator)
	MD8.04	Introduction to Proportion
	MD8.05	Direct Proportion 1
	MD8.06	Recipe Ratio 1
	MD8.07	Better Value
	Algebra	MF3.14
MF17.12		Function Machines
Measures	MF36.01	Reading Scales
	MF36.02	Metric Units
	MD10.01	Estimating with Metric Units
	MD10.02	Converting Metric Length (One-Step)
	MD10.03	Converting Metric Mass (One-Step)
	MD10.04	Converting Metric Capacity
	MD10.10	Converting between Pounds (£) and Pence (p)
	MF37.01	Reading a 12-Hour Clock 1: O'Clock and Half Past
	MF37.02	Reading a 12-Hour Clock 2: Multiples of 5
	MF37.03	Reading a 12-Hour Clock 3: Mixed
MD10.05	Converting Time: AM and PM	
MD10.06	Converting Time: Seconds, Minutes and Hours	
MF37.07	Calendar Months	
MD10.07	Converting Time: Days, Weeks and Years	

Strand	Code	Nugget Name
Measures	MD10.08	Converting Time: Mixed Units
	MF37.09	Problems with Time
	MD10.09	Using Scales on a Map
Angles	MF26.03	Types of Angles 1: Diagrams
	MF26.04	Types of Angles 2: Numbers
	MD11.01	Estimating Angles
	MF26.11	Measuring Angles 1: Angles < 180° (horizontal)
	MF26.12	Measuring Angles 2: Angles < 180°
	MF26.13	Measuring Angles 3: Angles > 180°
	MD11.02	Drawing Angles
	MD11.05	Direction and Angles
	MF26.01	Key Terms in 2D Geometry
	MF26.06	Naming 2D Shapes
2D and 3D shapes	MF29.02	Reflective Symmetry
	MD11.03	Parallel and Perpendicular Lines
	MF26.02	Key Terms in 3D Geometry
	MF26.10	Naming 3D Shapes
	MF33.02	Nets of Cubes
	MF33.03	Plans and Elevations with Cuboids
	MF33.04	Plans and Elevations
	MD11.04	Plan Drawings

Strand	Code	Nugget Name
Area and Perimeter	MF30.01	Perimeter by Counting
	MD12.01	Perimeter of Rectangles
	MF30.02	Perimeter of Regular Shapes 1: Calculate Perimeter
	MF30.03	Perimeter of Regular Shapes 2: Calculate Side Length
	MD12.02	Perimeter of Rectilinear Shapes
	MF31.01	Area by Counting Squares
	MF31.02	Estimating Area
	MD12.03	Area of Squares, Rectangles and Parallelograms
	MD12.04	Area of Rectilinear Shapes
	Volume and Surface Area	MF34.01
MF34.02		Volume of Cubes and Cuboids
MF34.03		Volume of Cubes and Cuboids with Missing Side(s)
Handling Data	MF50.04	Bar Charts
	MF50.06	Vertical Line Graphs
	MF50.05	Multiple and Composite Bar Charts
	MD13.02	Interpreting Pie Charts
	MD13.03	Completing Two Way Tables
	MF50.02	Interpreting Two Way Tables
	MD13.04	Creating Pie Charts (No Calculator)
	MD13.05	Creating Pie Charts (Calculator)
	MF48.03	Tally Chart
	MD13.06	Grouped Tally Charts: Discrete Data
MF50.12	Time Series Graphs	

Strand	Code	Nugget Name
Handling Data	MF49.03	Mean 1: Positive Integers
	MF49.04	Mean 2: Decimals and Negatives
	MF49.05	Mean 3: Finding Missing Values
	MD13.07	Range 1
	MF49.08	Range 2: Decimals and Negatives
Probability	MF46.01	Probability Scale in Words
	MF46.02	Probability Scale in Numbers
	MD14.01	Listing Outcomes
	MD14.02	Calculating Probability
	MD14.03	Mutually Exclusive Events
Functional	MD15.01	Functional: Number
	MD15.02	Functional: Area
	MD15.03	Functional: Perimeter
	MD15.04	Functional: Probability
Money	MD7.01	Menus
	MD7.02	Wage Calculations
	MD7.03	Profit and Loss 1
	MD7.04	Profit and Loss 2

Course Content

FE – Mathematics Functional Skills (Level 2)



Diagnostics 3 Strands 18 Nuggets 285

This course contains material to cover mathematics as part of the Functional Skills Level 2 qualification. It is suitable for all exam boards.

Strands

A strand is a sequence of nuggets grouped by theme or topic, forming a high-level organisation of content within a course.

Strand	Nuggets
Diagnostics	3
Integers	20
Decimals	13
Fractions	23
Percentages	22
Fractions, Decimals, and Percentages	15
Rounding	7
Money	8
Proportion	17
Algebra	16
Measures	32
Angles	12

Strand	Nuggets
2D and 3D shapes	17
Area and Perimeter	25
Volume and Surface Area	8
Handling Data	36
Probability	10
Exam Style Practise	4

Nuggets

A nugget is a micro-lesson that contains learning material followed by questions to assess learning.

Strand	Code	Nugget Name
Diagnostics	ME0.01	Diagnostic: Level 2 - Non Calculator
	ME0.02	Diagnostic: Level 2 - Calculator
	ME0.03	Diagnostic: Level 2
Integers	MF3.17	Using a Calculator 1: Powers and Roots of a Single Number
	MF2.01	Integer Place Value
	MD1.01	Reading Large Numbers
	MD1.02	Writing Large Numbers
	MF2.02	Mathematical Symbols
	MF2.08	Ordering Integers
	MF2.14	Negative Numbers
	MF2.10	Ordering Negatives
	MF2.05	Adding Negatives

Strand	Code	Nugget Name
Integers	MF3.01	Column Addition
	MF3.02	Column Subtraction
	MF3.03	Addition and Subtraction: Worded Questions
	MF2.11	Multiplying by Powers of Ten
	MF2.12	Dividing by Powers of Ten
	MD1.09	Multiplication and Division Facts
	MF12.01	Squares
	MF3.08	Grid Multiplication
	MD1.12	Column Multiplication
	MF3.11	Short Division
	MF3.13	Multiplication and Division: Worded Questions
	MF6.01	Decimal Place Value
	MF2.09	Ordering Decimals
Decimals	MF6.02	Adding Decimals 1: Calculations
	MF6.03	Adding Decimals 2: Worded Problems
	MF6.04	Subtracting Decimals 1: Calculations
	MF6.05	Subtracting Decimals 2: Worded Problems
	MF6.14	Multiplying Decimals with Napier's Bones
	ME2.01	Multiplying Decimals 1
	ME2.02	Multiplying Decimals 2
	ME2.03	Multiplying Decimals: Worded Questions
	ME2.04	Dividing Decimals

Strand	Code	Nugget Name
Decimals	ME2.05	Manipulating Decimal Calculations with Multiplication
	ME2.06	Manipulating Decimal Calculations with Division
Fractions	ME3.01	Expressing Fractions
	ME3.02	Equivalent Fractions
	ME3.03	Simplifying Fractions
	ME3.04	Shading Fractions
	ME3.05	Ordering Fractions
	ME3.06	Mixed and Improper Fractions
	MF4.07	Adding Fractions 1: Same Denominator
	MF4.08	Adding Fractions 2: Convert 1 Denominator
	MF4.09	Adding Fractions 3: Convert 1 Denominator (Sum >1)
	MF4.10	Adding Fractions 4: Convert all Denominators
	MF4.36	Fractions: Subtracting from 1
	MF4.11	Subtracting Fractions
	MF4.19	Adding and Subtracting Improper Fractions
	MF4.20	Adding and Subtracting Mixed Numbers
	MF4.21	Adding and Subtracting Improper Fractions and Mixed Numbers
	MF4.39	Fraction of Amounts: Modelling
	ME3.07	Fraction of Amounts: Non-Calculator
	ME3.08	Fraction of Amounts: Calculator
	ME3.09	Fractions of Amounts: Worded
	MF4.40	Fraction of Amounts: Modelling Finding the Whole

Strand	Code	Nugget Name
Fractions	ME3.10	Increasing and Decreasing by Fractions
	ME3.11	Express One Amount as a Fraction of Another
	ME3.12	Functional: Fractions
Percentages	MF7.01	Understanding Percentages
	MF7.02	Finding 50%
	MF7.03	Finding 25%
	MF7.04	Finding 10%
	MF7.05	Finding 5%
	MF7.06	Finding 1%
	MF7.07	Finding Multiples of Tens in Percentages
	MF7.15	Percentages of Amounts: Modelling
	MF7.14	Estimate with Percentages
	MF11.13	Express One Amount as a Percentage of Another
	ME4.01	Finding Percentages 1 (Calculator)
	MD4.08	Comparing Percentages 1
	MF7.12	Comparing Percentages 2
	MF11.04	Percentage Change
	MF10.06	Percentage Increase and Decrease: Modelling
	MD4.09	Percentage Increase and Decrease: Functional Skills
	ME4.03	Percentage Increase and Decrease (Calculator)
	MF11.18	Reverse Percentages Introduction: Modelling
	MF11.19	Reverse Percentages: Modelling
ME4.04	Reverse Percentage	

Strand	Code	Nugget Name
Percentages	ME4.06	Simple Interest: Functional Skills
	MF11.06	Simple Interest (Calculator)
	ME4.07	Compound Interest
	ME4.05	Compound Interest and Depreciation ME4.05
	MF8.01	Introduction to Fractions, Decimals and Percentages
Fractions, Decimals, and Percentages	MF8.02	Converting Fractions to Denominator 100
	MF8.03	Fractions to Percentage
	ME5.01	Fractions to Percentages (Calculator)
	MF8.04	Decimals to Percentage
	MF8.05	Percentage to Decimals
	MF8.06	Fractions to Decimals 1: Equivalent Fractions
	MF8.07	Fractions to Decimals 2: Division
	ME5.02	Fractions to Decimals (Calculator)
	MF8.08	Percentage to Fractions
	ME5.03	Percentage to Fractions (Calculator)
	MF8.09	Decimals to Fractions
	ME5.04	Decimals to Fractions (Calculator)
	MF8.14	Ordering Fractions, Decimals and Percentages 1: Unit Fractions (Non-Calculator)
	MF8.15	Ordering Fractions, Decimals and Percentages 2: Non-Unit Fractions (Non-Calculator)
	Rounding	MF2.13
MF9.01		Rounding to the Nearest Whole Number
MF9.02		Rounding to 1 Decimal Place

Strand	Code	Nugget Name
Rounding	MF9.03	Rounding to 2 Decimal Places
	ME6.01	Rounding to 3 decimal places
	MF9.11	Introduction to Estimation
	MD6.06	Estimation: Functional Skills
Money	ME7.01	Menus
	ME7.02	Wage Calculations
	ME7.03	Profit and Loss 1
	ME7.04	Profit and Loss 2
	ME7.05	Functional: Profit 1
	ME7.06	Functional: Profit 2
	MD4.12	Discounts
	ME7.07	Tax and Budgeting
Proportion	MF15.01	Introduction to Ratio
	MF15.02	Simplifying Ratios
	MF15.05	3 Part Ratios
	ME8.01	Converting Ratios into the Form 1:n
	ME8.02	Part of a Ratio to the Whole
	ME8.03	Converting Fractions into Ratios
	MF15.15	Sharing with a Given Ratio: Modelling
	ME8.04	Sharing with a Given Ratio 1
	ME8.05	Sharing with a Given Ratio 2 (Calculator)
	MF15.16	Ratio Fluency: Modelling

Strand	Code	Nugget Name
Proportion	MF16.01	Introduction to Proportion
	ME8.06	Direct Proportion 1
	ME8.07	Inverse Proportion 1
	ME8.08	Recipe Ratio 1
	ME8.09	Recipe Ratio 2
	MF16.04	Better Value
	ME8.10	Better Value 2
	ME9.01	Powers
	ME9.02	BIDMAS Introduction
	ME9.03	BIDMAS Intermediate
Algebra	MF19.30	Solving Equations: One Step Modelling (+ -)
	MF19.01	Solving Equations: One Step (+ -)
	MF19.31	Solving Equations: One Step Modelling ($\times \div$)
	MF19.02	Solving Equations: One Step (\times)
	MF19.03	Solving Equations: One Step (\div)
	MF19.04	Solving Equations: One Step (+ - $\times \div$)
	MF17.01	Forming Algebraic Expressions: One Step
	MF17.02	Forming Algebraic Expressions: Two Step
	MF17.13	Substitution into Expressions 1: One Term
	ME9.04	Substitution into Expressions 2
ME9.05	Substitution into Expressions 3	
ME9.07	Substituting into a Formula	
ME9.08	Functional: using a Formula	

Strand	Code	Nugget Name
Measures	MF36.01	Reading Scales
	MF36.02	Metric Units
	MD10.01	Estimating with Metric Units
	ME10.01	Converting Metric Length (One-Step)
	ME10.02	Converting Metric Mass (One-Step)
	MF36.10	Converting Metric Capacity
	MF36.22	Conversion Graphs: Units of Measure
	MF39.05	Using Scales on a Map
	ME10.03	Metric and Imperial Length (Calculator)
	ME10.04	Metric and Imperial Mass and Volume (Calculator)
	ME10.05	Conversion Graphs: Interpreting
	ME10.06	Finding Scales with Units
	ME10.07	Finding Scales without Units
	ME10.08	Using Scales without Units
	MF39.10	Creating Scale Diagrams
	ME10.09	Finding Speed (SDT)
	ME10.10	Finding Distance (SDT)
	ME10.11	Finding Time (SDT)
	ME10.12	Speed, Distance and Time: Mixed Questions
	ME10.13	Finding Density (DMV)
ME10.14	Finding Mass (DMV)	
ME10.15	Finding Volume (DMV)	

Strand	Code	Nugget Name	
Measures	ME10.16	Density, Mass and Volume: Mixed Questions	
	MF37.01	Reading a 12-Hour Clock 1: O'Clock and Half Past	
	ME10.17	Reading a 12-hour Clock 2	
	ME10.18	Reading a 12-hour Clock 3	
	ME10.19	Converting Time: AM and PM	
	ME10.20	Converting Time: Seconds, Minutes and Hours	
	MF37.07	Calendar Months	
	ME10.21	Converting Time: Days, Weeks and Years	
	ME10.22	Converting Time: Mixed Units	
	ME10.23	Problems with Time	
	Angles	MF27.01	Straight Line Angles 1: Multiples of 5°
		MF27.02	Straight Line Angles 2
		MF27.04	Angles Around a Point 1: Multiples of 5°
MF27.05		Angles Around a Point 2	
MF27.07		Vertically Opposite Angles	
MF27.08		Alternate Angles	
MF27.09		Corresponding Angles	
MF27.10		Co-interior Angles	
MF28.01		Angles in a Triangle 1	
MF28.02		Angles in a Triangle 2: Isosceles Triangles	
MF28.03		Angles in a Triangle 3: Including Angles on a Straight Line	
MF28.04		Angles in a Triangle 4: Including Angles in Parallel Lines	
MF28.05	Angles in Quadrilaterals		

Strand	Code	Nugget Name
2D and 3D shapes	MF26.01	Key Terms in 2D Geometry
	MF26.06	Naming 2D Shapes
	MF29.02	Reflective Symmetry
	MF26.05	Parallel and Perpendicular Lines
	MF26.02	Key Terms in 3D Geometry
	MF26.10	Naming 3D Shapes
	MF33.02	Nets of Cubes
	ME11.01	Nets of Cuboids
	MF33.03	Plans and Elevations with Cuboids
	MF33.04	Plans and Elevations
	ME11.02	Plan Drawings
	MF42.01	Constructing Circles
	ME11.03	Dimensions
	MF23.01	Understanding Coordinates: 1st Quadrant
	MF23.02	Understanding Coordinates: 4 Quadrants
	MF23.26	Coordinates and 2D Shapes
MF39.06	Introduction to Bearings	
Area and Perimeter	MF30.01	Perimeter by Counting
	MD12.01	Perimeter of Rectangles
	MF30.02	Perimeter of Regular Shapes 1: Calculate Perimeter
	MF30.03	Perimeter of Regular Shapes 2: Calculate Side Length
	MF30.04	Perimeter of Composite Shapes 1
MF30.05	Perimeter of Composite Shapes 2: Worded Context	

Strand	Code	Nugget Name
Area and Perimeter	MF31.01	Area by Counting Squares
	MF31.02	Estimating Area
	MF31.03	Area of Squares, Rectangles and Parallelograms
	MF31.04	Area of Right Angled Triangles
	MF31.05	Area of Triangles
	MF31.07	Area of Trapeziums
	MF31.06	Area of Composite Shapes 1: Adding
	MF31.08	Area of Composite Shapes 2: Subtracting
	MF32.12	Areas of Composite Shapes with Part Circles
	ME12.01	Circumference using the Radius
	ME12.02	Circumference using the Diameter
	ME12.03	Circumference
	ME12.04	Area of a Circle from Radius
	ME12.05	Area of a Circle from Diameter
	ME12.06	Area of a Circle
	ME12.07	Functional: Perimeter
	MD15.02	Functional: Area
	ME12.08	Functional: Compound Perimeter
ME12.09	Functional: Compound Area	
Volume and Surface Area	MF34.01	Counting Cubes
	MF34.02	Volume of Cubes and Cuboids
	ME13.01	Volume of Cubes and Cuboids with Missing Side(s)

Strand	Code	Nugget Name
Volume and Surface Area	MF34.04	Volume of Prisms 1: Given Area
	ME13.05	Volume of Cylinders
	ME13.02	Volume of 3D Solids using a Formula
	ME13.03	Surface Area of Cuboids
	ME13.04	Surface Area of 3D Solids
Handling Data	MF48.01	Hypotheses, Primary Data and Secondary Data
	MF48.02	Discrete and Continuous Data
	MF48.03	Tally Chart
	MF48.07	Grouped Tally Charts: Discrete and Continuous
	MF50.03	Pictograms
	MF50.04	Bar Charts
	MF50.05	Multiple and Composite Bar Charts
	MF50.06	Vertical Line Graphs
	MF48.04	Questionnaires
	ME14.01	Types of Random Sampling
	ME14.02	Fair Samples
	MF50.12	Time Series Graphs
	ME14.03	Data Summary Tables
	ME14.04	Interpreting Data from Tables/Graphs
	ME14.05	Interpreting Two Way Tables
	ME14.06	Completing Two Way Tables
	ME14.07	Distance Tables

Strand	Code	Nugget Name	
Handling Data	ME14.08	Median	
	MF49.01	Mode	
	MF49.03	Mean 1: Positive Integers	
	ME14.09	Mean 2	
	MF49.07	Range 1: Positive Integers	
	MF49.08	Range 2: Decimals and Negatives	
	ME14.10	Applying Averages and the Range 1	
	MF49.20	Using Averages and Range	
	MF49.21	Using Averages and Range: Comparing Two Data Sets	
	MF49.10	Mode from Frequency Table	
	MF49.14	Modal Class from Grouped Frequency Table	
	ME14.11	Mean from Grouped Frequency Table: Discrete Data	
	ME14.13	Interpreting Scatter Graphs 1	
	ME14.14	Interpreting Scatter Graphs 2	
	ME14.15	Drawing Scatter Graphs	
	Probability	MF50.10	Creating Pie Charts (Calculator)
		MF50.09	Creating Pie Charts (No Calculator)
MF50.11		Interpreting Pie Charts	
MF50.18		Interpreting Misleading Data Representations	
MF46.01		Probability Scale in Words	
MF46.02	Probability Scale in Numbers		
MF46.06	Listing Outcomes		

Strand	Code	Nugget Name
Probability	ME15.01	Calculating Probability
	ME15.02	Mutually Exclusive Events
	ME15.03	Two Way Tables: Probability
	MF46.10	Frequency Trees
	MF46.11	Interpreting Frequency Trees
	MF46.12	Multiplication Law of Probability (AND)
	ME15.04	Functional: Probability
Exam Style Practise	ME16.03	Surface Area: Exam Practice
	ME16.04	Circles and Ratio: Exam Practice
	ME16.05	Two Way Tables: Exam Practice
	ME16.06	Missing Angles: Exam Practice

Course Content

FE – Essential Digital Skills (Entry 3)



Diagnostics 5 Strands 7 Nuggets 35

The course covers the national standards for the Essential Digital Skills Qualifications at Entry Level.

Diagnostics

A diagnostic is a baseline assessment

Strand	No. of nuggets
DS0.01	Diagnostic E3: Using Devices And Handling Information
DS0.02	Diagnostic E3: Creating and Editing
DS0.03	Diagnostic E3: Communicating
DS0.04	Diagnostic E3: Transacting
DS0.05	Diagnostic E3: Being Safe and Responsible Online

Strands

A strand is a sequence of nuggets grouped by theme or topic, forming a high-level organisation of content within a course.

Strand	No. of nuggets
Diagnostics	5
Using Devices and Handling Information	17
Creating and Editing	4
Communicating	5
Transacting	2
Being Safe and Responsible Online	6
Whole Course Diagnostic	1
Time	12
Geometry	7
Statistics	5
End of Year Assessments	2

Nuggets

A nugget is a micro-lesson that contains learning material followed by questions to assess learning.

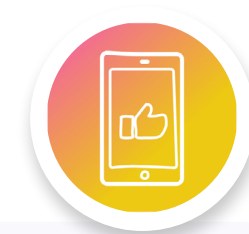
National Standards		CENTURY	
Skills Statement	Nugget	Nugget Name	
1. Using devices and handling information		Using devices	
	DS1.01	Devices	
	DS1.02	Hardware and Software	
	DS1.03	Operating Systems	

	Skills Statement	Nugget Code	Nugget Name	
1. Using devices and handling information	Using devices	DS1.04	Applications	
		DS1.05	Applications: Locating and Installing	
		DS1.06	System Settings	
		DS1.07	Wi-Fi Settings	
		DS1.08	Accessibility Settings	
	Finding and evaluating information	DS1.09	World Wide Web	
		DS1.10	Web Navigation	
		DS1.11	Searching the Web	
	Managing and storing information	DS1.12	Storage	
		DS1.13	Folder Structures	
		DS1.14	Managing Information	
	Identifying and solving technical problems	DS1.15	User Errors: Hardware	
		DS1.16	User Errors: Software	
		DS1.17	Solving Simple Technical Issues	
	2. Creating and editing	Creating and editing documents	DS2.01	Editing Text
			DS2.02	Formatting Text
			DS2.03	Formatting Graphics
Creating and editing digital media		DS2.04	Capture and Save	
3. Communicating	Communicating and sharing	DS3.01	Contacts: Phone	
		DS3.02	Messages: SMS and Social Media	
		DS3.03	Messages: Emails	
		DS3.04	Video Calls	

	Skills Statement	Nugget Code	Nugget Name
3. Communicating	Managing traceable online activities	DS3.05	Digital Footprint
4. Transacting	Using online services	DS4.01	Online Forms
	Buying securely online	DS4.02	Online Payment Methods
	Protecting privacy	DS5.01	Protecting Personal Information
DS5.02		Storing Personal Information	
5. Being safe and responsible online	Protecting data	DS5.03	Online Risks and Threats
		DS5.04	Securing Mobile Devices
	Being responsible online	DS5.05	Reporting Concerns with Online Content
	Digital wellbeing	DS5.06	Physical Stresses of Being Online

Course Content

FE – Essential Digital Skills (Level 1)



Diagnostics 10 Strands 9 Nuggets 80

The course covers the national standards for the Essential Digital Skills Qualifications at Level 1. It also contains prerequisite content from Entry 3.

Diagnostics

A diagnostic is a baseline assessment

Strand	No. of nuggets
DS0.06	Diagnostic L1: Using Devices And Handling Information
DS0.07	Diagnostic L1: Creating and Editing
DS0.08	Diagnostic L1: Communicating
DS0.09	Diagnostic L1: Transacting
DS0.10	Diagnostic L1: Being Safe and Responsible Online

Nuggets

A nugget is a micro-lesson that contains learning material followed by questions to assess learning.

National Standards

CENTURY

Skills Statement	Nugget Code	Nugget Name
1. Using devices and handling information Using devices	DS1.03	Operating Systems
	DS1.04	Applications
	DS1.18	Updating Software

[← Back to Curriculum Overview](#)

ITP Course Mapping
FE – Essential Digital Skills (Level 1)

	Skills Statement	Nugget Code	Nugget Name	
1. Using devices and handling information	Finding and evaluating information	DS1.19	Searching Online	
		DS1.20	Searching on a Device	
		DS1.21	Relevance and Reliability of Online Sources	
	Managing and storing information	DS1.22	Cloud Storage	
		DS1.23	Folder Structure and Organisation	
		DS1.24	File Sizes	
	Identifying and solving technical problems			
Developing Digital Skills	DS1.25	Common Technical Problems		
2. Creating and editing	Creating and editing documents	DS2.03	Formatting Graphics	
		DS2.05	Formatting Tables	
		DS2.06	Advanced Text Formatting	
		DS2.07	Layout Features	
		DS2.08	Layout Conventions	
	Creating and editing digital media	DS2.09	Edit and Enhance	
		DS2.10	Spreadsheets: Introduction	
		DS2.11	Spreadsheets: Cell References	
		DS2.12	Spreadsheets: Entering Data	
		DS2.13	Spreadsheets: Simple Formulae	
		Processing numerical data	DS2.14	Spreadsheets: Functions
			DS2.15	Spreadsheets: Filtering and Sorting
			DS2.16	Spreadsheets: Charts 1
			DS2.17	Spreadsheets: Text Formatting
			DS2.18	Spreadsheets: Cell Formatting

	Skills Statement	Nugget Code	Nugget Name	
2. Creating and editing	Processing numerical data	DS2.19	Spreadsheets: Charts 2	
		DS2.20	Spreadsheets: Data Formatting	
		DS2.21	Spreadsheets: Replicating Formulae	
3. Communicating	Communicating and sharing	DS3.06	Modes of Online Communication	
		DS3.07	Modes of Online Communication: Emails	
	DS3.08	Contexts and Audiences		
	Managing traceable online activities	DS3.09	Managing Online Identity	
		DS3.10	Managing Privacy Tools and Settings	
4. Transacting	Using online services	DS4.03	Online Transactions: Paying Bills Online	
		DS4.04	Online Transactions: Online Banking	
		DS4.05	Uploading and Downloading	
		DS4.06	Managing Online Accounts	
	Buying securely online	DS4.07	Comparing Buying Options	
		DS4.08	Identifying Insecure Sites	
		Protecting privacy	DS5.07	Keeping Safe Online
			DS5.08	Data Protection Laws
DS5.09	Cookies			
5. Being safe and responsible online	Protecting data	DS5.10	Protecting Your Data	
		DS5.11	Backing Up Your Data	
		DS5.12	Malware	
	Being responsible online	DS5.13	Acting Responsibly Online	
	Digital wellbeing	DS5.06	Physical Stresses of Being Online	
DS5.14		Media Balance and Wellbeing		

Questions?
Email support@century.tech

