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Pegasys Educational Publishing

Prelim / Assessment / Practice Papers Revision Packs and Course Materials 2023/2024

- Higher Prelims 2023/24 (multiple formats on offer)
- Higher Practice Unit Tests (non-cloned practice NARS)
- Advanced Higher Prelim 2023/24 (adjusted timings & marks for 2023/24)
- AH Course Notes (a massive resource!!)

"Curriculum for Excellence"

Lifeskills has become "Applications of Mathematics" so all Packs/Tests and Prelims throughout this flyer/order form have now been renamed accordingly. Thank you.

- Worksheet and Homework Packs for National 4 & National 5
- Worksheet and Homework Packs for N4 & N5 Appl. of Mathematics
 - Worksheet Pack for National 3 Applications of Mathematics
 - Homework Pack for National 3 Applications of Mathematics
- N5 Applications of Mathematics Prelim/Practice Examination 2023/24
- National 5 Prelim/Practice Examinations 2023/24 (distinct prelim options available)



Over 78% of Scottish schools regularly use Hegasys Hublishing

We are aware that changes in content, timings & mark allocations have now been in a semi-fluid state for all SQA courses and examinations over the last few years. All our prelims will mirror any changes. Any further alterations coming to light after the publication of this flyer, will be taken into account, and applied, by the time our prelims are published and delivered to establishments. Thank you.

- * All examination papers and extended tests are original to 2023/2024.
- * Great care has been taken with the construction of, and the content within, each of our prelim examinations and extended unit tests.
- * All content proofed for suitability, accuracy and difficulty.
- * The duration of each paper and the allocation of marks is consistent with the <u>current</u> Scottish Qualification Association examinations.
- * All course and revision packs are entirely original.
 Each has been constructed with care to either "fit-in" with existing materials or to stand alone as an individual resource.

Ease your workload by ordering our quality resources today!



(All prices can be found on the order form)

CURRICULUM FOR EXCELLENCE - PAPER / PACK DESCRIPTIONS 2023/2024

All our new packs and papers have been developed in line with the "Experiences and Outcomes" of Curriculum for Excellence.

Suitable real life contexts have been used wherever possible in keeping with the ideals of Curriculum for Excellence.

CFE Level 3 Homework Pack

This pack consists of approximately 33 exercises (1 exercise at each of the three sub levels for each topic of the Level 3 course) amounting to around 65 - 70 pages of work in total. There are separate homeworks for each topic with the exception of "short" topics which are incorporated into other exercises. For example, Rounding is included in Number Processes.

The exercises in this pack are differentiated over three sub levels.

Pack contains 11 homework exercises at the Groundwork Sub Level

11 homework exercises at the Core Sub Level

11 homework exercises at the Extension Sub Level

Sub Level descriptions ... **Groundwork** - The content of this is mainly pre Level 3. It is aimed at students who may struggle with the core content of Level 3, but who would be covering the same topics as those on the core Level 3 course.

Core - As its name suggests, this covers the core content of Level 3 with the exception of the most demanding outcomes and experiences.

Extension - Aimed at stretching the more able students with more demanding applications of level 3 content (and very occasional level 4 content). There is an emphasis on problem solving.

This homework pack comes complete with answers.

(Tick box CE1 on main order form)

CFE Level 3 Assessment Pack

This pack consists of 24 separate assessments.

There are **8 assessments at each of the three sub levels** consisting of 4 practice (or pre) assessments + 4 main assessments.

The assessments in this pack are differentiated over the same three sub levels as the homework pack.

- 4 pre-assessments + 4 assessments at the **Groundwork Sub Level**
- 4 pre-assessments + 4 assessments at the Core Sub Level
- 4 pre-assessments + 4 assessments at the Extension Sub Level

All assessments come complete with full marking instructions and marking schemes.

(Tick box CE2 on main order form)

The packs described below have been developed in line with the SQA Course Guidelines for Nationals 4 & 5 of Curriculum for Excellence and are aimed at young people working at these levels.

Please note most of the material in these packs has been taken from our previously published resources and have been re-organised, adapted and collated to fit exactly into the new "National 4 & 5 Guidelines".

CFE National 4 Worksheet/Homework Packs

These packs cover all the topics within the three units of the new National 4 for Mathematics.

Each pack contains exercises giving extensive practice in the basics for each topic area, and, where appropriate, problem solving and examination type questions.

Each pack represents a huge resource and is designed to last the time allocated to that unit within the new arrangements.

N4 Pack 1 for Unit: Expressions & Formulae (EF) (Tick box CE3 on our main order form)

N4 Pack 2 for Unit: Relationships (REL) (Tick box CE4 on our main order form)

N4 Pack 3 for Unit: Numeracy (NUM) (Tick box CE5 on our main order form)

N4 Homework Pack (homework exercises covering all 3 units) (Tick box CE6 on our main order form)

Answers are provided for each pack with marking schemes included in the Homework Pack.

CFE National 5 Worksheet/Homework Packs

These packs cover all the topics within the three units of the new National 5 for Mathematics.

Each pack contains exercises giving extensive practice in the basics for each topic area, and, where appropriate, problem solving and examination type questions.

Each pack represents a huge resource and is designed to last the time allocated to that unit within the new arrangements.

N5 Pack 1 for Unit: Expressions & Formulae (EF) (Tick box CE7 on our main order form)

N5 Pack 2 for Unit: Relationships (REL) (Tick box CE8 on our main order form)

N5 Pack 3 for Unit: Applications (APP) (Tick box CE9 on our main order form)

N5 Homework Pack (homework exercises covering all 3 units) (Tick box CE10 on our main order form)

Answers are provided for each pack with marking schemes included in the Homework Pack.

CFE National 4 Applications of Mathematics Bundle

National 4 Applications of Mathematics bundle contains

- 2 Added Value practice tests (each consists of P1 non-calc. 20 marks & P2 calc. 40 marks)
- 3 Practice Unit Tests (one for each unit)
- An Extended Test covering the whole Applications of Mathematics course

All tests come complete with full marking instructions and marking schemes.

(Tick box CE11)

CFE National 3 Applications of Mathematics - Worksheet Pack

This pack specifically covers the topics within the three unit tests of the N3 Applications of Maths ...

* Manage Money and Data * Shape, Space and Measures * Numeracy

The pack contains a set of classroom worksheets giving extensive practice in each topic within the unit tests and, where appropriate, incorporates problem solving questions with many set within real life contexts.

Answers are provided with the pack.

(Tick box CE12)

CFE National 3 Applications of Mathematics - Homework Pack

This pack contains a set of homework exercises that cover the topics within the three unit tests of the new National 3 Applications of Mathematics

The pack contains a set of homework exercises giving further practice in each unit topic.

Answers are provided with the pack.

(Tick box CE13)

CFE National 4 Applications of Mathematics - Worksheet Pack

This pack covers all the topics within the three units of the National 4 Applications of Mathematics ..

The pack contains a set of classroom worksheets giving extensive practice in the basics for each topic area, and, where appropriate, incorporates problem solving questions with many set within real life contexts.

Answers are provided with the pack.

(Tick box CE14)

CFE National 4 Applications of Mathematics - Homework Pack

This pack contains a set of homework exercises that cover most of the topics within the three units of the new National 4 Applications of Mathematics

The larger topics have an individual homework exercise to themselves ... however smaller related topics are joined together within a single exercise.

Answers are provided with the pack.

(Tick box CE15)

CFE National 5 Applications of Mathematics - Worksheet Pack

This pack covers all the topics within the three units of the National 5 Applications of Mathematics ...

The pack contains a set of classroom worksheets giving extensive practice in the basics for each topic area, and, where appropriate, incorporates problem solving questions with many set within real life contexts.

Answers are provided with the pack.

(Tick box CE16)

CFE National 5 Applications of Mathematics - Homework Pack

This pack contains a set of homework exercises that cover most of the topics within the three units of the new National 5 Applications of Mathematics

- Finance and Statistics
- Geometry and Measures
- Numeracy

The larger topics have an individual homework exercise to themselves ... however smaller related topics are joined together within a single exercise.

Answers are provided with the pack.

(Tick box CE17)

CFE National 5 Practice Examination Papers

A set of 'six' practice examination papers for National 5

- Each paper covers all three units.
- For each practice exam paper ... P1 is a non-calculator paper, worth 40 marks, and lasts for 1 hour P2 is a calculator paper, worth 50 marks, and lasts for 1 hr 30 mins

All papers come complete with full marking instructions and marking schemes.

These papers have been partially constructed from previously seen and used materials. The remainder of the questions being unique and unseen to ensure complete coverage of the National 5 course.

(Tick box CE18)

NATIONAL 5 ASSESSMENT MATERIALS 2023/2024

All the CFE assessment materials following are sight 'unseen' and 'unique' to 2023/2024

Please note: for this coming session, 2023/2024, we are not offering any Extended Unit Tests for either N5 Applications of Mathematics or N5 Mathematics.

We are sorry for any inconvenience this may cause.

National 5 Applications of Mathematics .. Practice/Prelim Examination 2023/2024

A prelim/practice examination paper for National 5 Applications of Mathematics covering topics from across al three units of the N5 Applications of Mathematics course.

National 5 Applications of Mathematics Practice/Prelim paper 2023/2024.

All recent changes in place for 2023/24!!

All questions are original and unseen. Unique to 2023/2024.

- P1 (non-calculator paper) will last 50 minutes and is worth 35 marks.
- P2 (calculator paper) will last 100 minutes and contains extended response questions along with some questions with real life contexts.

 This paper is worth 55 marks

(Tick box CE21)

National 5 Practice/Prelim Examinations 2023/2024

This year we are offering a choice of papers at National 5. We are aware that many schools will not have covered the complete course at the time of prelims so are offering a more flexible approach.

Please note: timings/marks etc., could be subject to changes due to any late instructions from the SQA.

National 5 Practice/Prelim examination paper 2023/2024 (P1/P2), covering Units EF, REL only.

P1 - (non-calculator paper) will last 60 minutes and is worth 40 marks.

All questions are original and unseen. Unique to 2023/2024.

P2 - (calculator paper) will last 90 minutes and contains both short and extended response questions. This paper is worth 50 marks

(Tick box CE22)

National 5 Practice/Prelim examination paper 2023/2024 (P1/P2), covering Units EF, REL & APP.

P1 - (non-calculator paper) will last 60 minutes and is worth 40 marks.

All these naners are unique to 2023-24.11....

P2 - (calculator paper) will last 90 minutes and contains both short and extended response questions. This paper is worth 50 marks

(Tick box CE23)

National 5 Mini-Practice/Prelim examination paper 2023/2024, covering Unit APP only.

- single paper worth 30 marks and lasting 45 minutes.

(Tick box CE24)

Full marking schemes are included with all papers.

There are **no common questions over these three papers** and we have endeavoured to cover all aspects of the National 5 course. E.g. if finding an angle using the cosine rule appears in one paper then finding a side using the Cosine rule will be covered in another paper, etc.

Higher & Advanced Higher Prelims 2023/2024 & course materials

Please note: All our Higher and Advanced Higher Mathematics prelims are of a format which relates to the most up-to-date arrangements for the CFE Higher and CFE Advanced Higher.

Please note: for this coming session, 2023/2024, we are not offering any Mini-Prelims or Extended Unit Tests for Higher Mathematics nor any Extended Tests for Advanced Higher Maths. We are sorry for any inconvenience this may cause.

CFE Higher – Prelim covering all the topics in Units EF, Rel/Cal & App.

(2023/2024)

P1 (non-calculator) will last 75 mins and is worth 55 marks.

It will contain approx. 13 questions most of which will be shorter response.

New timings and mark allocations in place....

P2 (calculator) will last 90 mins and is worth 65 marks.

It will contain approx. 10 questions most of which will be extended response.

(Tick box A)

CFE Higher – Prelim covering the topics in the old Units 1 & 2 only.

(2023/2024)

P1 (non-calculator) will last 70 mins and is worth 50 marks.

Due to this prelim covering only two units timings and mark allocations adjusted

It will contain approx. 10 questions most of which will be shorter response.

P2 (calculator) will last 80 mins and is worth 60 marks.

Will contain approx. 8 questions most of which will be extended response.

(Tick box B)

CFE Higher - Mini- Prelim paper - covering the topics in the old Unit 3.

(2023/2024)

Paper - 45 mins and approx. 35 marks. Includes a detailed marking scheme.

The paper will contain a mixture of short and extended response questions.

(Tick box C)

Please note: There are common questions between the three prelims above (boxes A, B & C).

CFE Higher Practice Unit Tests (~ NARS) - for Units EF, Rel/Calc & App

A set of nine (non-cloned) individual practice unit tests.

Three tests for each Unit - Expressions and Functions, Relationships & Calculus, Applications. These tests **do not** closely mirror the new SQA NARS as cloned tests are no longer accepted for practice. These tests are similar in topics and level but the order, emphasis and structure have all been changed. (Tick box I)

CFE Higher Mathematics - Practice Examination Papers

A set of 'six' practice examination papers for the new CFE Higher in Mathematics.

- Each paper covers all three units.
- For each practice exam paper ... P1 is a non-calculator paper, worth 60 marks, and lasts for 70 mins P2 is a calculator paper, worth 70 marks, and lasts for 90 mins

All papers come complete with full marking instructions and marking schemes.

These papers have been mostly constructed from previously seen and used materials.

The remainder of the questions being unique and unseen to ensure complete coverage of the course.

(Tick box J)

Higher Multiple Choice Pack - Although no longer a requirement this pack is an excellent resource for topic by topic revision and homework

(Tick box K)

Higher Revision/ Homework Packs

<u>Pack 1</u> This pack is an excellent topic by topic resource.

(Tick box L)

 $\underline{Pack\ 2}$ This pack has been made up from questions previously published

by ourselves in prelim papers (<2001).

(Tick box M)

Advanced Higher Grade Mathematics – Assessment Materials

CFE Advanced Higher Mathematics Prelim 2023/2024



Prelim/Practice paper covering the topics from <u>all three units</u> (Methods in Algebra & Calculus, Applications of Algebra & Calculus and Geometry Proof & Systems of Equations).

Please note: timings/marks etc., could be subject to changes due to late instructions from the SQA.

This prelim examination consists of "two" papers and lasts for a total of 3 hours 30 mins.

New format timings and mark allocations for 2023/24....

- P1 (non-calculator) will last 1 hour and is worth 35 marks.
- P2 (calculator) will last 2 hours 30 mins and is worth 80 marks.

The content and structure of the prelim will be in line with the latest arrangements for the new CFE Advanced Higher in Mathematics implemented for 2023/24.

The questions will cover all levels of difficulty and not just the core work at level C.

This will provide a realistic examination experience for your students

(Tick box N)

** Please read ... We at Pegasys understand that with the new CFE AH Mathematics format many departments may decide to progress through the course in their own preferred topic/unit order. With this in mind we have decided to offer again a full course AH Prelim/Practice Examination paper for this session albeit with the new format, timings and marks in place. It has been designed in such a way that any questions you may not have covered, by the time of the paper needing to be used, can be easily removed from the examination, bringing it back to perhaps a two hour paper or similar. The removed questions could then be given later as a top-up mini-prelim.

We have tried to be as flexible as possible with our materials in order to cover varied approaches to this new format. Thank you.

CFE Advanced Higher Course Notes & Worked Examples

- * Full set of course notes in running order for the new CFE Advanced Higher Mathematics
- * Spaces for pupils to fill in and complete worked examples
- * Includes a teacher version with all examples completed!!
- * Easily moveable topics to suit the running order in your school
- * Will speed up the teaching of AH and free more class time for practice and extension

This is a massive new resource running to approximately 170 pages!!

(Tick box P)

'NEW' CFE Advanced Higher Practice Unit Tests (~ NARS)

A set of six (non-cloned) individual practice unit tests.

Two practice tests for each Unit - Methods in Algebra & Calculus,

Applications of Algebra & Calculus and Geometry Proof & Systems of Equations.

These tests **do not** closely mirror the new SQA NARS as cloned tests are no longer accepted for practice. These tests are similar in topics and level but in most cases the order, emphasis and structure have all been changed.

(Tick box Q)

- * <u>All</u> materials will be sent out early September 2023 (following Covid-19 regulations).
 All orders received by the 30th June 2023 will be sent out at the time stated above.
 Orders received after that date will be completed a.s.a.p. (usually within a few days).
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You may, if you prefer, fax your order to 01236 430006 or post it to the address given on the form. Due to Covid-19 we would prefer if you either emailed or faxed your order, however we will of course accept orders by post. Thank you.



MATHEMATICS ORDER FORM 2023/2024

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	Curriculum For Excellence Packs, Materials, Prelims & Practice Exams		Code
	CFE Level 3 Homework Pack (33 homework exercises + answers)	£30.00	CE1
	CFE Level 3 Assessment Pack (24 assessments + marking schemes)	£30.00	CE2
nd nes.	CFE National 4 Pack 1 - Unit EF (Worksheet Pack + answers)	£30.00	СЕЗ
s a	CFE National 4 Pack 2 - Unit REL (Worksheet Pack + answers) - larger pack	£40.00	CE4
ons	CFE National 4 Pack 3 - Unit NUM (Worksheet Pack + answers)	£30.00	CE5
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es	CFE National 5 Pack 1 - Unit EF (Worksheet Pack + answers)	£30.00	CE7
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)mi	CFE National 5 Pack 3 - Unit APP (Worksheet Pack + answers)	£30.00	CE9
y ye	CFE National 5 Homework Pack (exercises + worked solutions & answers)	£35.00	CE10
re confident our products will more than satisfy your expectations and me a regular part of your assessment, revision and course programmes	CFE N4 Applications of Maths Bundle (2 AV Tests, 3 Unit Tests, 1 Ext Test + answers)	£45.00	CE11
an ev	CFE N3 Applications of Maths - Units MMD, SSM, Num (Worksheet Pack + answers)	£35.00	CE12
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mo Sm	CFE N4 Applications of Maths - Units F/S, G/M & Num (Worksheet Pack + answers)	£50.00	CE14
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du	CFE N5 Applications of Maths - Homework Pack (exercises + answers)	£30.00	CE17
or of			
rr I	** National 5 Set of 6 whole course practice examination papers for National 5	£60.00	CE18
or or	** Please note: these papers have been constructed from previously seen and used materials plus new required qu	estions.	
fident	All assessment materials below this point dated 2023/2024 are 'unique' to session	n 2023/20	024 !!
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9	N 5 Applications of Maths - Prelim Examination 2023/2024 - Units F/S, G/M & N	£25.00	CE21
	* National 5 Prelim/Practice Examination 2023/2024 - Units EF & REL only	£20.00	CE22
	* National 5 Prelim/Practice Examination 2023/2024 - Units EF, REL & APP	£25.00	CE23
	* National 5 Mini-Prelim/Practice Examination 2023/2024 - Unit APP only	£10.00	CE24
	* PI		_

^{*} Please note: items CE22, CE23 & CE24 have <u>no</u> common questions between them!!

'New' CFE Higher and 'New' CFE Advanced Higher - Prelims & Materials for 2023/2	'New'	CFE Higher	and 'New' CFI	E Advanced Higher	- Prelims	& Materials	for	2023/2024
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		CFE Higher Prenm 2023/2024 - Covering all three mandatory units	£30.00	Α
terest in		CFE Higher Prelim 2023/2024 - CFE format but covering old Units 1 & 2 topics CFE Higher Mini-Prelim 2023/2024 - CFE format but covering old Unit 3 topics Please note: there are common questions between the prelims A , B & C above!	£25.00 £12.00	B
We at Begasys thank you for your continued interest our products. Our aim, as always, is to	improve our service and make your job easier.	CFE Higher - Mini-Prelims are not available for 2023/2024		
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our ma	terials ii	oing situation with COVID-19 and the safety regulations now in place we are on electronic format (i.e. by email) this year. So there is no option for paper coping out CD Roms this session. I hope you understand the need for these precau	ies to be order	ed nor
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