



## TABLE OF CONTENTS

<b>General Information</b>	2
<b>Executive Summary</b>	2
Your Requirements	2
<b>Project Plan</b>	5
Timeline	6

## 1 EXECUTIVE SUMMARY

Granite Digital Consulting Ltd. (*referred to as “Granite” hereinafter*) is pleased to submit this proposal to Prim-Ed for a new portal for Mental Maths copied directly from the previously built sounds in focus portal.

Granite Digital have extensive experience in the ecommerce sectors in Ireland, working with high-volume B2C brands in both design, development and digital marketing, such as Blarney.com, Timberlan, Dubarry.ie, MeadowsandByrne.com, Keanes.ie and 64 Wine.

The purpose of this document is to illustrate how Granite can work with Prim-Ed to achieve the objectives as set out in your brief. We will do so by outlining what we will do, how we will do it, project timeframes and our best-estimate of design, development and on-going service costs.

Should you have any queries, please feel free to contact us.

### 1.1 YOUR REQUIREMENTS

Granite will provide Prim-Ed with a copy of <https://www.soundsinfocusonline.ie/> for the new subject area Mental Maths.

There will be a new skin applied based on the design of the sounds in focus platform.

It is understood by our team that the new Mental Maths portal will;

The portal will allow teachers to:

1. Display the NWMM questions for each day with and without the answers
2. Reinforce the concepts in NWMM with additional information and examples
3. Print assessment tests to aid report writing at the end of each term/semester

This product will be available free with a class set (annual access) or for a fee as a standalone product (annual access).

## **CUSTOMER JOURNEY 1: PURCHASE TO LOGGING ON**

- Unique codes and instructions for each year level
- External: bookshops given cards with unique codes and instructions for the teacher to login.
- Internal: set of 20/25 workbooks bundled with access card and sell access individually
- Internal purchase needs to have a way to receive the unique cards/codes e.g. auto-generated email or access code in a/c.
- Customers redeem cards on the website, verify unique code plus invoice/booklist number.
  - Invoice/booklist number to be checked at end of bts season. There will be no validation built into the login process, just a deterrent for people trying to access without purchase.
- In-line verification if possible, if not a separate part to enter codes & invoice number, then create an account.
- Instant access to the portal after registration
- Creating an account requires:
  - Email
  - Phone Number
  - School Name
  - Roll Number – IE only
  - Postcode
  - Year level (optional)
  - Option to register more codes
  - Password
- Login – get to dashboard.
- Dashboard shows up to 7 icons for each product/year level that has been redeemed.
- Selecting one of the year levels brings you to the next level of options:

## **CUSTOMER JOURNEY 2: PRACTICE, REINFORCE, ASSESS**

Once you have clicked on a year level/book, you get to a dashboard with three options:

1. Practice
2. Reinforce
3. Assess

PRACTICE:

- This screen will have the a list of each week down the left hand side, a centre section where the test will be displayed (pdf) and a section on the right hand side of the screen where the core concepts will appear (show/hide option preferred for rhs)
- Click on a week and a drop down of each day will appear
- Click on a day of the week and the test for that day appears in the centre screen. This is a two-page pdf. The first page has the test, second page has the test with the answers filled in.
- Only one page of the pdf on screen at a time, use -> to click to next page – We will use Jpeg's here as in the Sounds in Focus Portal
- Easy way to go back and forth between the different days
- On right hand side of screen, a list of associated terms/knowledge base appears that is relevant to that days' questions.
- Clicking on the associated term will bring up the relevant page in the 'Reinforce' section.
- Need an easy way to go back and forth between the 'Practice' and 'Reinforce' sections
- **Display of the test is a jpeg as in sounds in focus – any pdf's uploaded can be set to not print in the pdf before it is uploaded.**
- Future proof: we may offer a new licence structure later that allows different levels of entitlement, e.g. display only or print tests.

#### REINFORCE:

- Allows teachers to pull up Maths concepts/learning areas
- Can be displayed as a list or searchable
- Each concept can be displayed as combination of a powerpoint (to introduce the concept), text, videos, sound clips and sample questions
- Will need to have CMS capabilities to edit these pages. Would like to build on them as we go. I.e. adding more information, additional videos talking about the concepts, additional questions etc.

#### ASSESS:

- Provide 3 or 4 tests per year level.
- User can select test from a dropdown menu
- When choosing a test, there will be a short descriptor beside each one e.g. 'this test covers weeks 1-8 from book B'
- Test can be shown as a PDF
- PDF can be printed
- Test can also be a sound or video clip
- Answers given as a separate pdf

## 2 PROJECT PLAN

The project will be undertaken in 5 phases outlined as follows:

- Design – based on existing sounds in focus portal
- Development & CMS Integration
- Testing
- Deployment

Phase	Tasks	Who
DELIVERABLE	Design	
Design	Design changes to existing portal for the Mental Maths subject area	Granite
	Note there is no design iterations in this proposal	
DELIVERABLE	Development	
Development and Integration	Staging site setup including CMS and copy of existing SIF portal	Granite
	Changes to templates	Resource
	Technical Development	Resource
	Creation of pages, navigation , site map	Resource
	Beta 1 Release - Initial Release for internal testing between both project teams	Resource
DELIVERABLE	BETA SITE SIGNOFF	
Testing	Security Tests	Resource

	<ul style="list-style-type: none"> <li>• SQL Injection</li> <li>• Cross-Site Scripting</li> <li>• Cross Site Forgery</li> <li>• DDOS / Brute Force Protection</li> <li>• Data Protection</li> </ul> <p>Captcha Setup</p>	
DELIVERABLE	TEST SIGNOFF - TESTING PHASE COMPLETE. SOLUTION IS READY TO GO LIVE.	
Deployment	Switch system live	Granite
	Duplicate for another market	Resource

## 2.1 TIMELINE

It is understood that the content for this site will be added by Prim-Ed in order to facilitate the timely addition of the content the portal will be copied modified and made available to Prim-Ed as soon as is practical with additional development changes made to the portal as the content is being added.

Solution needs to be in place for the 17th July 2019