

Minecraft in the Classroom

A CESI Teachmeet Nano Presentation
by Sabine McKenna, Skerries
@SabineMcKenna
cccSkerries.com





A couple of Minecraft Projects I was involved in.

Skerries Soundwaves Minecraft Projects 2012-...

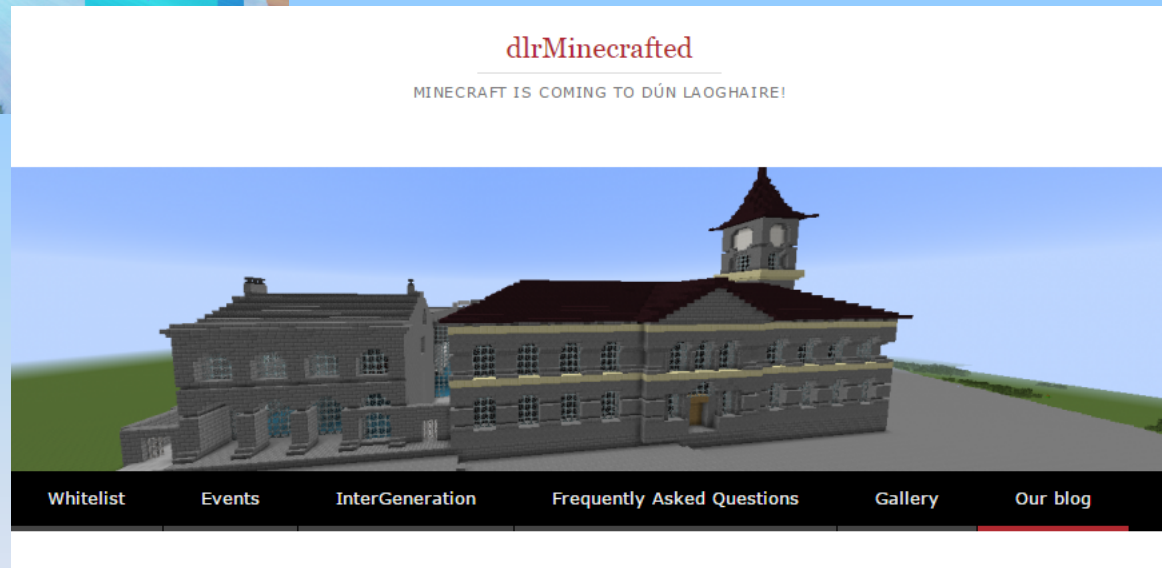
A virtual Skerries.

Seventy children.

One server.

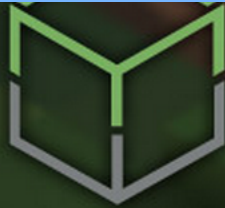
Part of the annual

[Skerries Soundwaves Arts and Music Festival](#).



dlrMinecrafted

Part of the 2014 InterGeneration Project in
Dún Laoghaire / Rathdown



MINECRAFTEDU

Bring Minecraft to the Classroom

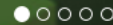


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MINECRAFTEDU

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MinecraftEdu.com makes using Minecraft in the classroom easier.

MinecraftEdu Tutorial World



Minecraft!!!



Minecraft can help...

- Introducing the touchscreen generation to keyboard and mouse
- Building up digital literacy
- Transferring knowledge. Discovery learning.
- Develop social skills



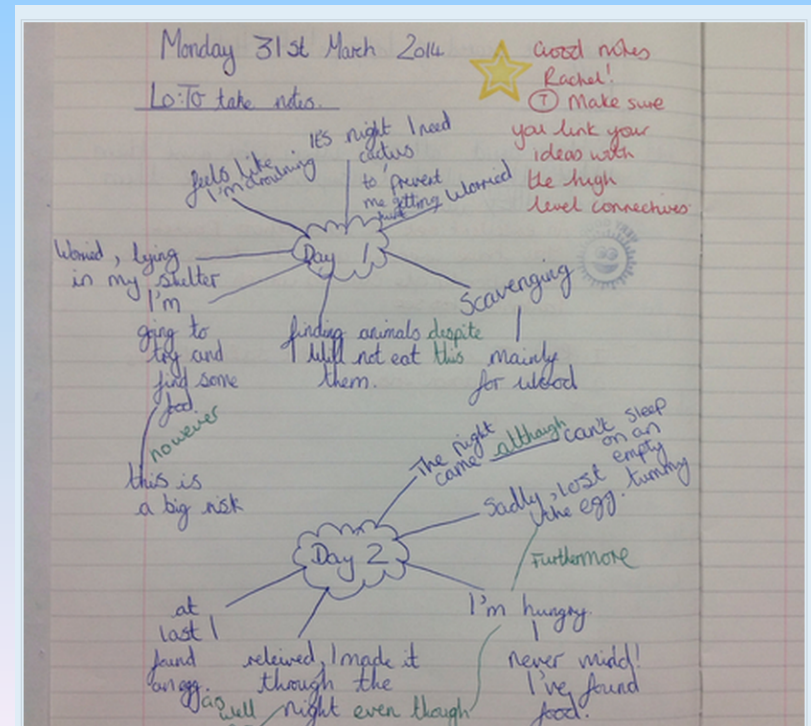
And it can be integrated into any subject!

English / Literacy

- in-game reading
- in-game writing (keyboard skills)
- writing prompts

Example:

- Journal writing in Mr Patterson's 5th Year (England)



Maths / Numeracy

- Counting
- Multiplying
- Area
- Volume
- Time
- xyz coordinates

Example:

- [Area and Fractions](#) in Mr Patterson's 5th Year (England)



The image displays three screenshots from the game Minecraft, each with handwritten mathematical annotations. The first screenshot shows a 7x7 grid of TNT blocks with a 2x7 strip of wooden planks in the center. The second screenshot shows a 7x7 grid of cakes with a 2x7 strip of sponges in the center. The third screenshot shows a 7x7 grid of gold blocks with a 2x7 strip of diamonds in the center.

NATHAN
PERIMETER = 22CM
AREA = 28CM²
5 TNT TO EVERY 5
WOODEN PLANKS

PERIMETER = 26CM
AREA = 40CM²
18 CAKES TO
EVERY 22
SPONGE

PERIMETER = 32CM
AREA = 60CM²
16 GOLD TO EVERY
28 DIMONDS

History / Geography / Science

- Explore and document
- Re-enact scenes from the past
- Recreate famous buildings
- Test materials
- Explore, catalogue plants and animals
- ... *Think like a scientist / geographer / historian...*



DEVELOP, LESSON

LITERACY THROUGH
MINECRAFT – LESSON DESIGN
MODEL

🕒 FEBRUARY 16, 2015 💬 4 COMMENTS

Example:

[Viking Raids on Minecraft](#) with 12-year-olds.

- John Miller, World History Teacher, California

Visual Arts

- PixelArt – creating skins
- recreating famous works of art

Example:

- Recreating [Tate masterpieces in Minecraft](#)



Music

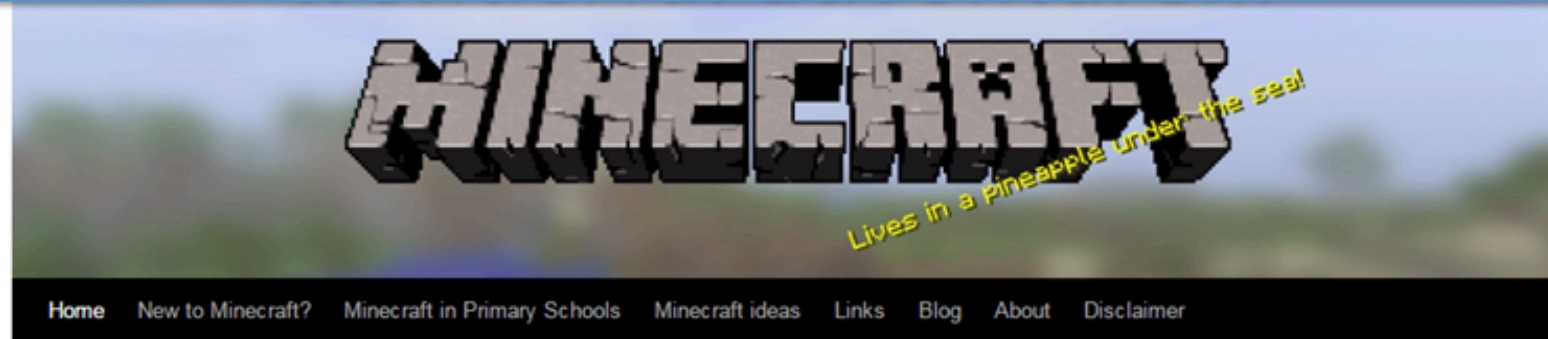
- watch / create music videos
- create / teach music theory using note blocks



Examples:

- [Teaching music theory](#) using note blocks
- Many, many music videos ... like this [Radioactive - Dragons](#) parody
- like Captain Sparklez' [Take Back The Night](#): Nearly 64 million views!

This could be the beginning of a wonderful adventure...



Home

Welcome to PrimaryMinecraft.com, a site set up by a [digital educator](#), trained primary teacher and Minecraft fan (*SabineMines aka Sabine McKenna*) in order to help bring Minecraft to more primary schools.

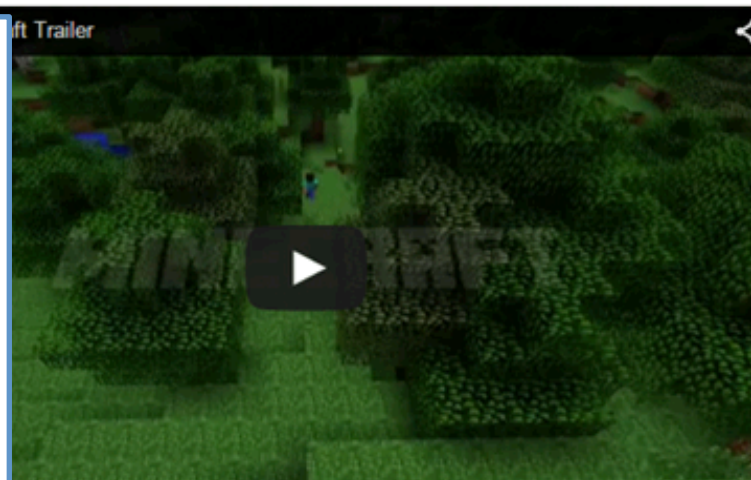
Minecraft is fun.

To get started /
For more ideas:

Minecraft.net

PrimaryMinecraft.com

MinecraftEdu.com



Minecraft in the Classroom...

Let's have more of it!

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cccSkerries.com

