

# Project Maths

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PACCS 6/3/10  
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# Five Strands

- 1 Statistics and Probability
- 2 Geometry and Trigonometry
- 3 Number
- 4 Algebra
- 5 Functions

## What's different about Project Maths?

- 1 Teaching and learning
- 2 Primary Bridging Framework
- 3 Active methodologies
- 4 Change in syllabus content
- 5 Change in assessment

	Initial school group (24)	All other schools
Sept 2008	Strands 1 + 2	
Sept 2009	Strands 3 + 4	
June 2010	Changes to paper 2 (S1+S2)	
Sept 2010	Strand 5	Strands 1 + 2
June 2011	Changes to paper 1 S3 + S4	No change in exam
Sept 2011	All strands in place	Strands 3 + 4 (*)
June 2012	Full changes to both papers 1 and 2	No change paper Changes to paper (S1+S2)
Sept 2012	Full new syllabuses in all schools	Full new syllabuse in all schools
June 2013	New exam paper 2	Changes to paper (S3 + S4)*



## A different view

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- Our children see the world in many ways and therefore learn about it using different strategies.
- Project Maths seeks to use their experience to build on their skills to become the problem solvers of the future.

How old is the woman in the picture?



- Primary Bridging Framework

- 1 Common Introductory Course
- 2 Glance cards for the teacher
- 3 Glossary of terms on-line

## Student Activity 1

Probability and long run relative frequency

What is the hardest number to get when you roll dice?

Activity sheet

## Connections – Activity 2

Money Box problem:

Granny gives me 5 euro in 1 Jan 2010  
and I add 3 euro each week. Show  
my savings with a list, an  
expression or a picture

○ Strand 3 – number

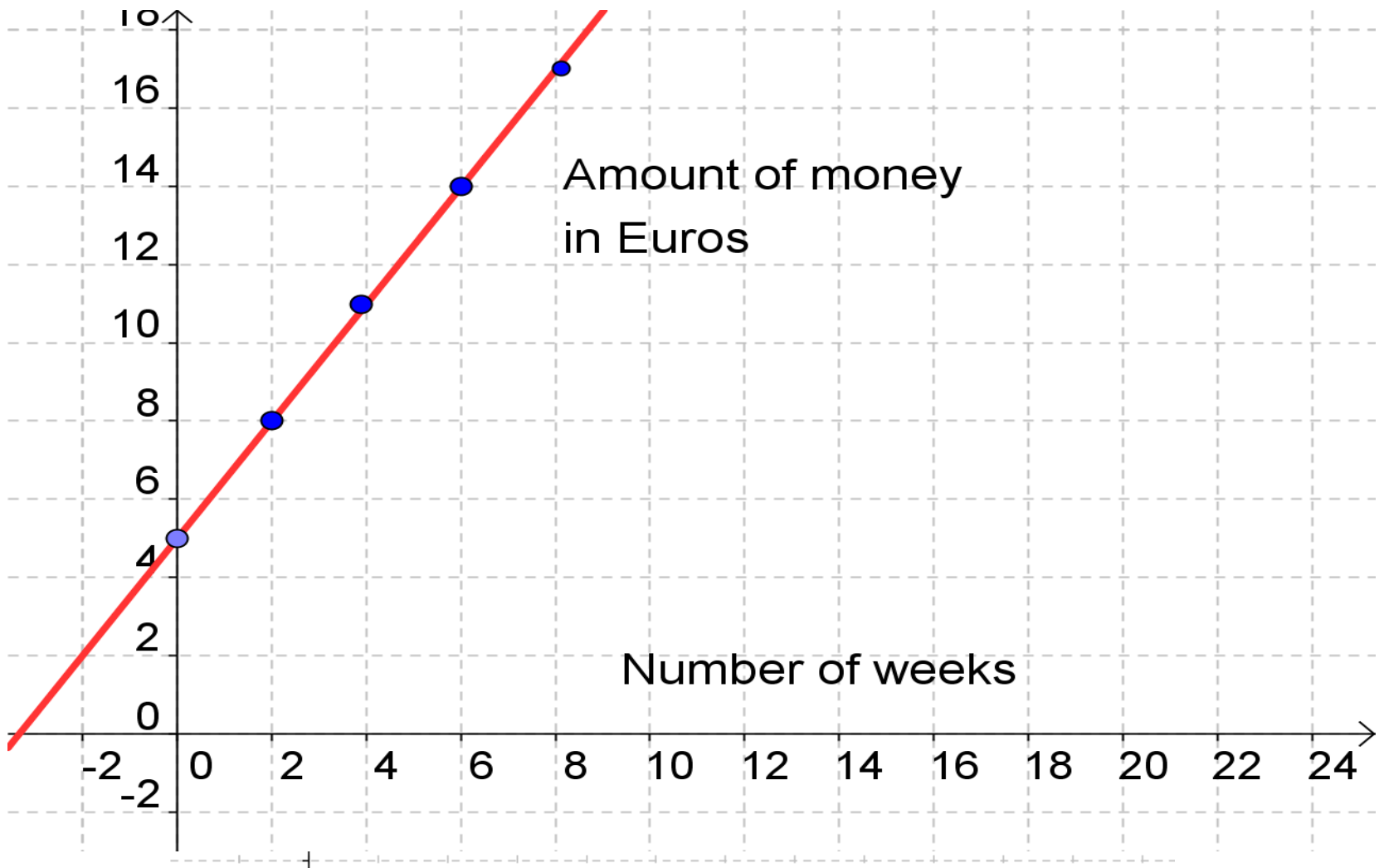
5,8,11,14,17,20,23,26,29.....

○ Strand 4 – algebra

5, 5+x, 5+2x, 5+3x.....

x = €3

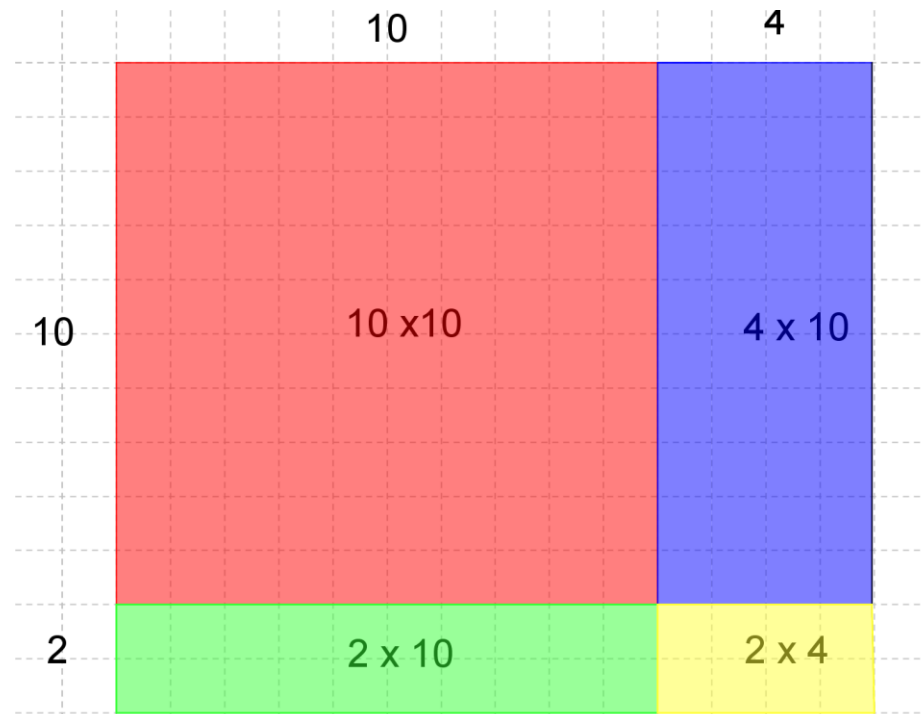
# Strand 5 - Functions



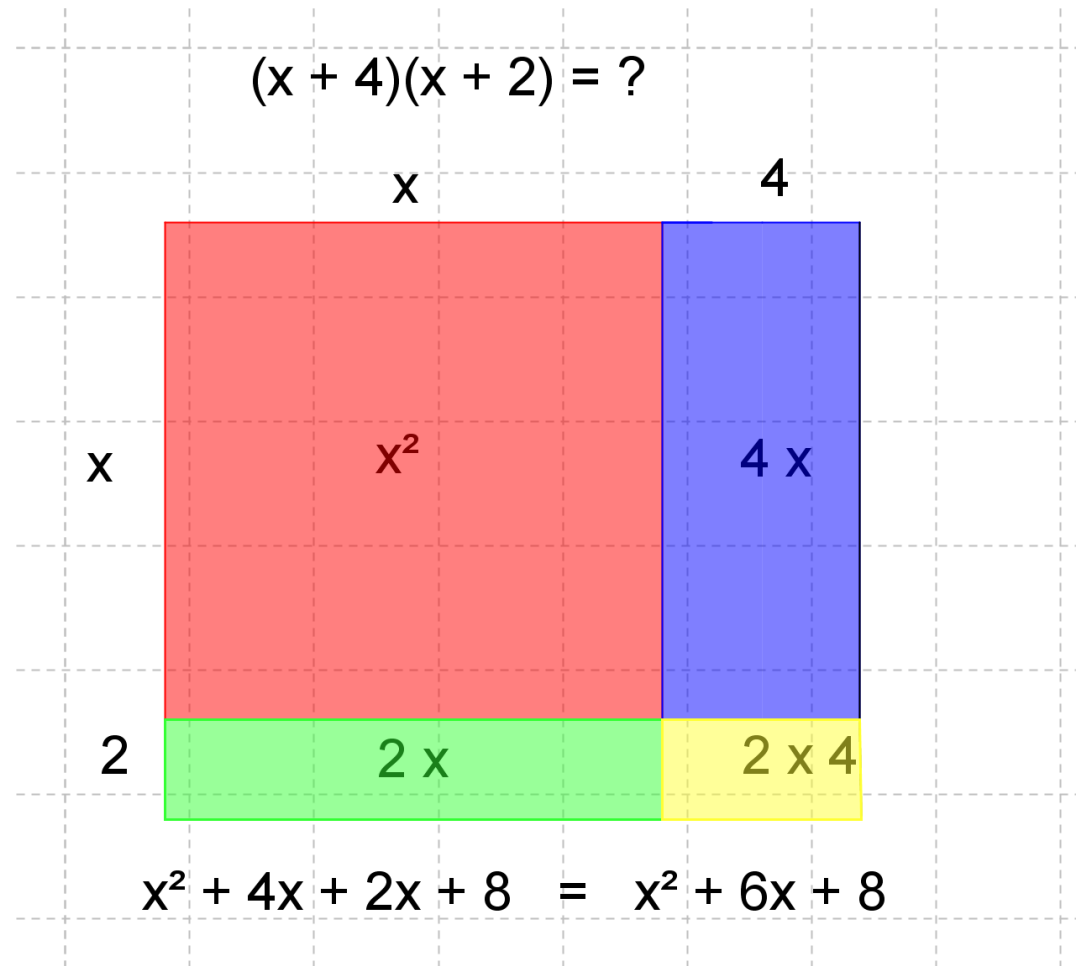
# New strategy for old problems

## Area model for multiplication

$12 \times 14$



# Multiplication in Algebra



# Websites

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URL: [www.ncca.ie/projectmaths](http://www.ncca.ie/projectmaths)

Email: [projectmaths@ncca.ie](mailto:projectmaths@ncca.ie)

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