



**Clare Family Learning Project, Clare Adult Basic
Education Service, Clare VEC.**



Family Numeracy Fun – Ideas for families to use at home

Why play games together? Children learn....

<p>.....Social Skills</p> <ul style="list-style-type: none"> ● Following instructions ● Taking turns ● Patience ● Team work ● Talking and listening ● Being a good winner and a good loser ● Taking responsibility 	<p>.....Thinking Skills</p> <ul style="list-style-type: none"> ● Observation ● Concentration ● Memory skills ● Planning ● Developing a strategy ● Decision making ● Revising
<p>.....Reading and Writing Skills</p> <ul style="list-style-type: none"> ● Recognising letters and words ● Recognising shapes and symbols ● Hearing sounds and rhyming ● Putting things in order ● Using alphabetical order ● Making predictions 	<p>..... Maths Skills</p> <ul style="list-style-type: none"> ● Recognising numbers ● Recognising colours ● Counting ● Sorting and matching ● Putting things in order ● Using numerical order ● Estimating skills

County Clare VEC Clare Adult Basic Education Service is funded by the Department of Education and Science with assistance from the European Social Fund as part of the National Development Plan 2007-2013



For more information on any of these programmes please contact:

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How using games can support mathematical standards?

Game name	Mathematical Standards												
	1	2	3	4	5	6	7	8	9	10	11	12	13
Backgammon	x	x	x	x	x	x							
Battleship	x	x	x	x	x	x	x	x	x				
Draughts	x	x	x	x	x	x							
Chess	x	x	x	x	x								
Chinese Checkers	x	x	x	x									
Concentration	x	x	x	x	x								
Connect 4	x	x	x	x	x								
Deck of cards	x	x	x	x	x	x	x	x	x	x	x	x	x
Dominoes	x	x	x	x									
Life	x	x	x	x	x	x	x	x	x				
Mastermind	x	x	x	x									
Match 4	x	x	x	x	x	x							
Monopoly	x	x	x	x	x	x							
Othello	x	x	x	x									
Risk	x	x	x	x	x								
Rummikub	x	x	x	x	x	x							
Spirograph	x	x	x	x	x								
Tic Tac Toe	x	x	x	x									
Yahtzee	x	x	x	x	x	x	x	x	x	x			

This table lists shop bought games and how they meet 13 mathematical standards:

- | | |
|--|----------------------------------|
| 1. Problem solving | 8. Patterns and functions |
| 2. Mathematics as communication | 9. Algebra |
| 3. Mathematics as reasoning | 10. Statistics |
| 4. Mathematics as connections | 11. Probability |
| 5. Number and number relationships | 12. Geometry |
| 6. Number systems and number theory | 13. Measurement |
| 7. Computation and estimation | |

Good quality games can be a lot of fun and provide a lot of learning!

Everyday maths activities include:

Listening to weather forecast for daily temperature

Shopping

Buying stamps

Cooking, baking, calculating the amount of food for family

Estimating costs e.g. car service, bus or train tickets

Weighing,

Painting, tiling, wallpapering

Taking medicine, times, length between tablets

Directions for travelling

Add your own ideas: _____

Children can hear and use the language of maths daily:

On top of, fitting into, right, left, how much, what time, split that in two, temperature isn't working, out of date, in two days, too big, won't fit, check the measurements, before, after, size, shape, direction, weight, and all the numbers in everyday conversation.....

For younger children with adults

Home Maths Quiz

Can you find something that:

1. has a rectangular shape E.g. A window. _____
2. is a circle _____
3. has spots _____
4. has stripes _____
5. is a square _____
6. can hold liquid _____
7. is a triangle _____
8. looks very heavy _____
9. is very light _____
10. has a Euro (€) sign on it _____

Name: _____ **Age:** _____ **Date:** _____



Clare Family Learning Project.

Based in Adult Education Centre, Clonroad, Ennis, Co. Clare.

We offer a wide range of classes around the county especially for parents/carers who may have left school early or have not completed a full Leaving Certificate.

Courses need at least 8 participants.

Programme Types

Supporting parents of young children

Family Learning Clare Family Learning Resource Pack is used for this course. Parents get a booklet each week to keep. Once a week, 2 hours for 8 – 14 weeks.

Storybags

By developing props and games for a storybook, the wide learning from books is highlighted. Parents get two free books. Once a week, 2 hours for 8 – 10 weeks.

Family Learning through Play, Rhymes and Songs

Building communication skills through play. Stress is put on the importance of play, rhymes and songs in children's learning environment. Once a week, 1 hour for 4 weeks.

Supporting parents of primary school children

Supporting School Learning at Home How home and community activities support children's learning in school.

Family Learning and English for Speakers of Other Languages

Developed in response to requests from principals in primary schools to support parents in a new educational system. Classes provide the language of interacting with school staff, homework etc.

Themed Family Learning

Ideas for extending children's literacy and numeracy skills using themes:
Sewing, Cookery, Art, Crafts, Stained glass, Gardening, Music and drama, Car maintenance

Parents and children together in school

Using topics such as Fun Science and Fun Maths Games, parents learn with tutor before taking small groups of children to do these activities in the classroom.

Family Learning and Computers

Building communication skills through Information and Communications Technology (ICT).
For example: Write a story for your child while learning to use computers.

Supporting Your Child's Maths A practical hands on approach that takes the myth out of maths at primary level.

Fun things to do with your child Parents and children cook and make crafts together embedding literacy and numeracy skills in the activities.

Number Games to make and Play Parents and children work together either early evening or in class

Growing Together Parents and children work together on allotment or school garden

Making Puppets Parents make puppets to use with their child. This can be accredited at FETAC Level 3.

Dads and Lads

Fun activity programmes aimed at reaching more Dads/Male Carers and their sons. Some class ideas

- **Sport:** Soccer, Bowling, Sports Quiz, Scrapbook about sport,
- **Fun Science Experiments:** Make a volcano erupt, Make raisins dance. Light a bulb using a lemon, magnet fun etc.
- **Games, Gadgets and Machines:** 6 week programme using magnets, marbles, make land yachts etc.
- **Fun 4 Health:** 5 week programme, keeping healthy, healthy hearts, balancing the body, making faces, senses games

Weekend Action for Dads and Kids:

Fun Science/ Games Gadgets and Machines/ Art and Craft/ Drama and rhythm/ Cookery/ Make a movie. A pilot project provided fun activities on Saturday mornings.

Supporting parents of second level students

Settling into Second Level School.

Information and ideas to help support your child's move to second level.

Maths and Computers for Parents of Incoming Second Level Students

How to support their children with maths at second level. Using the computer to support project work in second level.

Courses for parents

Family Cooking on a Budget Parents learn ways of providing nutritious food that is cheap and easy to prepare.

Family Health

Focusing on the language skills and terms needed when meeting health care professionals. Classes are based on the health needs of both children and parents.

Money Wise Ideas

Helping families budget, ideas for shopping wisely, ideas for free, fun family days out, learning about your entitlements.

Family Stories in a Box

Using family stories, objects, photographs and treasured items to make an individual mini museum using a decorated shoe box.

Family Learning and Active Citizenship

This programme helps learners to identify local issues and understand how to become more active citizens. The course gives learners information on how the community works and helps to make sense of the political system.

Digital Stories

Create a digital story using art work, photographs or images, add text, voiceover, music. This can be used to value the home culture in a very positive way.

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If you want to learn more about Family Learning Classes

or other Adult Education classes to help with

Reading, Writing or Maths

Please contact the Adult Learning Centre nearest to you:

Ennis: Mary Flanagan 065.6897645 Email: mflanagan@clarevec.ie

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