


The logo for Spraoi School is centered within a white, irregular, cloud-like shape. The word "Spraoi" is written in a large, blue, rounded, sans-serif font. Below it, the word "SCHOOL" is written in a smaller, dark blue, bold, sans-serif font. To the right of "SCHOOL" is a small "TM" trademark symbol.

**Spraoi**  
**SCHOOL**  
TM

A decorative white dotted line graphic that starts on the left, curves upwards, then downwards, and ends with two small loops on the right side.

Educational Apps and Games  
for Home and School



# Educational Apps and Games

**Spraoi School** is an engaging series of multilingual apps and games that deliver bite-sized educational concepts that directly target curriculum objectives.

The purpose of the Spraoi School series is to support the development of mathematical, language and science-based reasoning in early-to-middle childhood education.

## HAVE FUN AND LEARN

'Spraoi' is the Irish word for 'fun' and is pronounced 'Spree' (spri: ).

Our aim at Spraoi School is to make learning fun!

## LEARN MORE ABOUT SPRAOI SCHOOL

[www.spraoischool.com](http://www.spraoischool.com)

[press@spraoischool.com](mailto:press@spraoischool.com)

Twitter: @SpraoiSchool

Facebook: [www.facebook.com/spraoischool](http://www.facebook.com/spraoischool)

# Symmetry School

The first product in the **Spraoui School** series is **Symmetry School** — a captivating, brain-twisting game designed to support and encourage mathematical development in children.

Symmetry School's intuitive learning experience allows children of varying abilities to learn through play, exploring hard-to-grasp symmetrical concepts on their own terms and at their own pace.

**Symmetry School: Learning Geometry** is available to download on the App Store.

## MATHEMATICS OF SHAPE AND SHAPE

Geometry, the mathematics of shape and space, was selected as a fun and practical way to introduce mathematical thinking, and Symmetry School encourages learners to use their intuition and imagination to explore symmetrical puzzles. Through gameplay, learners will be aided in developing an essential foundation in spatial reasoning, problem solving and visualization.

The increasing complexity of the activities from the 'easy' to the 'hard' levels ensures that pupils of all abilities are catered for and are developing a fundamental understanding of the concepts of reflective & rotational symmetry.

## SHORT-FORM LEARNING

Symmetry School is suitable for home and/or school use, and has been developed in-line with international curriculum requirements for short-form K-12 learning. Symmetry School fits easily into

the homework / classroom time period and with each app purchase provides access to a supporting Whiteboard version for teachers. There are supplemental print activities available to download for parents, as well as a handy 'Email Your Result' module used for homework activities.

Symmetry School users will:

- Learn to recognise reflective and rotational symmetry.
- Use an understanding of reflective symmetry to complete the missing part of a pattern.
- Use an understanding of rotational symmetry to predict and describe the results of rotating patterns.
- Recognise simple spatial patterns and relationships and make predictions about them.
- Develop a foundation for understanding symmetry at later levels.
- Solve problems and learn to work systematically.
- Develop fine motor skills.
- Have fun and learn.

Symmetry School has been rigorously user tested through multiple home/school pilots, with the appropriate educational vocabulary used throughout the game. The translated language and terminology used within Symmetry School has been chosen by international educationalists for all languages. Symmetry School is available in English, French, German, Irish, Chinese and Spanish.

# What the Experts Say

Spraoui School's **Symmetry School** has received positive reviews from top educationalists and technologists — see what they have to say!

## *“Symmetry School: Learning Geometry*

*It's one of the best learning games for kids that we've seen this year so far.”*

— Apps Playground (Stuart Dredge & Alice Whitaker)

“Symmetry school is a unique online tool that supports the development of geometrical reasoning in the areas of reflective and rotational symmetry. Other computer tools focus primarily on reflective symmetry or on identifying symmetry focusing predominantly using a region or area model. Symmetry School, however, presents an innovative and conceptually challenging perspective on symmetry by presenting a selection of explorations which increase in challenge and move beyond traditional (and limiting) representations of symmetry.

*The advantage of Symmetry School for any classroom teacher, or school district, is its uniqueness in providing an environment within which **learners of all abilities** can practice their skills and then move on to more challenging activities.*

The inbuilt ‘Snapshot’ feature available in the Free Play mode is an invaluable tool that provides teachers the opportunities to keep a record of the development of children’s geometrical reasoning

which working independently with Symmetry School.

From a mathematics education perspective engaging with the symmetry school activities provide invaluable experiences in symmetry and the design features make it appropriate for use with learners across a wide span of school mathematics grade levels. This program is sure to challenge and motivate all learners.”

— Dr. Aisling Leavy, Department of Language, Literacy and Mathematics Education, Mary Immaculate College - University of Limerick, Limerick, Ireland

*“This is an interesting example of the work going on to make children’s apps that fit neatly into the educational curriculum. .”*

— Stuart Dredge (The Guardian Apps Blog - 20 best iPhone and iPad Apps This Week)

*“Bit of a problem with Symmetry School... it’s addictive! It will certainly **motivate children** to take an active part in maths learning.”*

— Muireann Ní Mhóráin, COGG (An Chomhairle um Oideachas Gaeltachta & Gaelscolaíochta)

*“Many students at CTYI, Dublin City University are good spatial learners and have very little opportunities to display their ability in their school environment. With the shortage of suitable graduates in the technology and engineering sector **Symmetry School can go a long way to addressing this problem by exposing children to mathematical problems in a fun and interesting fashion.**”*

— Dr. Colm O'Reilly, Director, Centre for Talented Youth in Ireland (CTYI), Dublin City University, Ireland

*“Symmetry School is an **engaging piece of software**. The activities allow the pupil to engage with symmetry in a fun way and promote problem solving skills. It can be used in a variety of classroom situations and I would highly recommend it. More please!”*

— Eileen Ward, Educational Technologist

*“...even as little as two or three hours of time spent on **Symmetry School** will bring out a marked difference in your child's pattern recognition abilities..”*

— iPad Kids ([www.ipadkids.com](http://www.ipadkids.com))

Spraoi School is an engaging series of multilingual apps and games that deliver bite-sized educational concepts that directly target international curriculum objectives.

The purpose of the Spraoi School series is to support the development of mathematical, language and science-based reasoning in early-to-middle childhood education.

To get in touch, email us at:  
[press@spraoschool.com](mailto:press@spraoschool.com)

The logo for Spraoi School is contained within a white, irregular, rounded shape. The word "Spraoi" is written in a blue, rounded, sans-serif font, and the word "SCHOOL" is written in a smaller, black, all-caps, sans-serif font directly below it. A small "TM" trademark symbol is located at the bottom right of the white shape.

**Spraoi**  
**SCHOOL**  
TM

Learn more at: [www.spraoschool.com](http://www.spraoschool.com)