

S U  
D O  
K U

# SUDOKU

## Mind Game



Let's Watch &  
Learn Section

PREPARED BY  
PROJECT  
STUDENT TEAMS

My Childhood Life , My Games  
eTwinning Project

# What is Sudoku ?

Sudoku is defined by Merriam-Webster as a 9-by-9 grid puzzle in which the grid is divided into 3-by-3 boxes. Every row, column and box must contain the numbers one through nine, no repeats.



**Student Team Leader -Ecrin FUAT -  
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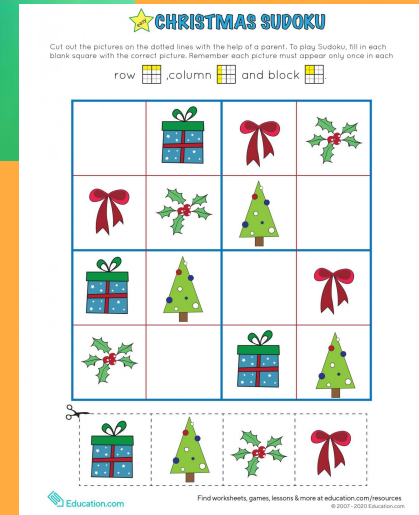
# What is Sudoku ?

Sudoku is a Japanese game (Sudoku) (Japanese: 数独). It is logic based puzzle with numbers. In kindergarten we use pictures. That is, we replace the numbers and put pictures.

Student Team Leader :Dorothea

Ευσεβεία Ασβεστά-Κωνσταντινίδου - Kindergarten of Dispilio Kastorias

/GREECE



# How to play Sudoku?

Sudoku is played on a grid of 9 x 9 spaces. Within the rows and columns are 9 “squares” (made up of 3 x 3 spaces). **Each row, column and square (9 spaces each) needs to be filled out with the numbers 1-9, without repeating any numbers within the row, column or square.**

	7	2			4	9		
3		4		8	9	1		
8	1	9			6	2	5	4
7		1					9	5
9					2		7	
			8		7		1	2
4		5			1	6	2	
2	3	7				5		1
				2	5	7		

Student Team Leader : Karina

Cristina Mariana Raducanu-

Liceul Teoretic „Grigore Tocilescu”/ROMANIA

# How to play Sudoku?

1-Sudoku çözmek için kurşun kalem ve silgi kullanılmalıdır.

2-Boş kutulara 1den 9 a kadar rakamlar yazılmaktadır. Bu aşamada içinde sayılar yazan rakamların üzerleri çiziliyor. Kutu içerisinde yazılan rakamlar tekrar kullanılmıyor.

3- Sağa ve sola doğru çizilen çizgilerde aynı satır ve sütunda aynı rakamlar bulunmaması için çift rakamlardan bir tane bırakılacak şekilde siliniyor.

4- Kesinleşen sayıların etrafı çizilir ve tüm sayılar için aynı işlem uygulanır.

5- Son iki adım sonrası sudoku bulmacasına göz atılır, bu aşamada bazı kutucuklara sadece bir ya da iki kutucuk boş kalmıştır. Bu kutucuklara gelecek eksik rakamlar ise belli olmuştur.

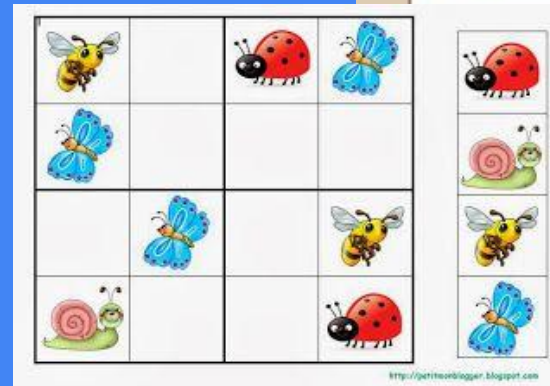
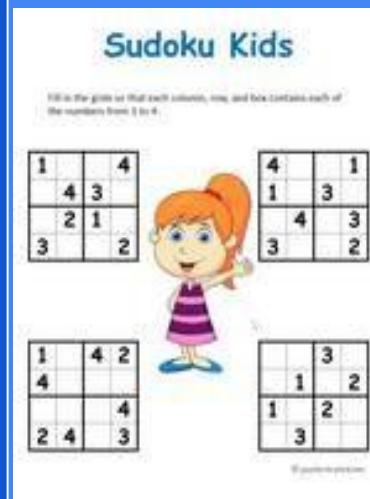


Figen Bostan-  
Çabuk İlkokulu/ELAZIĞ-TURKEY

# Purpose of sudoku

The object of the game is for the player to fill the empty squares with numbers so that each row, whether horizontal or vertical, and each 3x3 square contains the numbers 1 to 9 only once. All it takes is common sense. In kindergarten we replace the numbers with pictures

**Student Team Leader : Apostolos  
Despolna -Popy Tsakiri Kindergarten of Displio  
Kastorias/ Greece**



# Purpose of sudoku



## Benefits of Sudoku: 11 reasons to play Sudoku

- Improves concentration. ...
- Helps to reduce anxiety and stress. ...
- Promotes a healthy mindset. ...
- Helps kids develop their problem-solving skills. ...
- Promotes a healthy competition. ...
- Improves thinking skills. ...
- Improves memory. ...
- Helps to analyze the relation between the whole and the part.

Student Team Leader -

**Busra Halide Akdemir-Şehit Süleyman Budak  
Ortaokulu/ELAZIĞ-TURKEY**

# Rules of Sudoku

Sudoku is played on a grid of 9 x 9 spaces. Within the rows and columns are 9 “squares” (made up of 3 x 3 spaces). Each row, column and square (9 spaces each) needs to be filled out with the numbers 1-9, without repeating any numbers within the row, column or square.



**Tuba Erkan Aydın-Şehit Süleyman  
Budak Ortaokulu/ELAZIĞ-TURKEY**



# Rules of Sudoku

Rule 1 - Each row must contain the numbers from 1 to 9, without repetitions

Rule 2 - Each column must contain the numbers from 1 to 9, without repetitions

Rule 3 - The digits can only occur once per block (nonet)

Rule 4 - The sum of every single row, column and nonet must equal 45



Özlem İyison-Şehit Canbert Tatar  
İlkokulu/ELAZIĞ-TURKEY

# History of Sudoku

## The History of Sudoku

Although the origin of the Sudoku name is Japanese, it was actually created in New York in the 1970s by a company called Dell puzzle magazine. They called the puzzle "Number Place". As Dell continued to quietly churn out Number Place through the Eighties, it was spotted, imitated and embraced in puzzle-obsessed Japan. Publisher Nicola renamed it Sudoku - in Japanese Su means a number and doku translates as singular.

International SUDOKU Day

**HISTORY OF SUDOKU**  
Sudoku was invented in 1979. It became popular in Japan in 1985 and is now enjoyed by puzzle enthusiasts throughout the world.

**RULES**  
The rules to play Sudoku are quite simple. Fill in the blanks so that each row, each column, and each of the nine 3x3 grids contain one instance of each of the numbers 1 through 9.

			1					9
	8			2				
6							5	
		4		8				
	7				1			
						2		4
			5					9
4							8	
		3			8			

Hilal -Milas Science  
and Art  
Center/MiLAS

# History of Sudoku

The game first appeared in Japan in 1984 where it was given the name “Sudoku,” which is short for a longer expression in Japanese – “*Sūji wa dokushin ni kagiru*” – which means, “the digits are limited to one occurrence.” Sudoku continues to be highly popular in Japan, where people buy over 600,000 Sudoku magazines per month.



**Saht Emirođlu -Barbaros Hayrettin Pařa  
Ortaokulu/ELAZIĐ-TURKEY**

# Sudoku and Children



**Playing Sudoku Greatly Improves Memory (kids Aged 7 to 11).**

**Sudoku Improves Abstract Reasoning.**

**Playing Sudoku Improves Data Memorizing Ability.**

**Sudoku Teaches Children Patience & Focus.**

**Playing Sudoku Teaches Logical Thinking.**

**Playing Sudoku Teaches Kids Decision-Making Skills.**

# Sudoku and Children

Playing Sudoku Reduces Kids Screen Time.

Sudoku Teaches Children to Pay Attention to Detail.

Sudoku is Mobile-Friendly.

Sudoku Makes Learning Fun.

Sudoku Puzzles Occupy & Entertain Kids Simultaneously.

Playing Sudoku Creates Healthy Competition Among Kids.

Playing Sudoku Could Potentially Boost Kids IQ Levels.

Playing Sudoku Teaches Kids Rational Thinking & Problem-Solving.

Sudoku Provides Opportunity for Family Quality Time.

