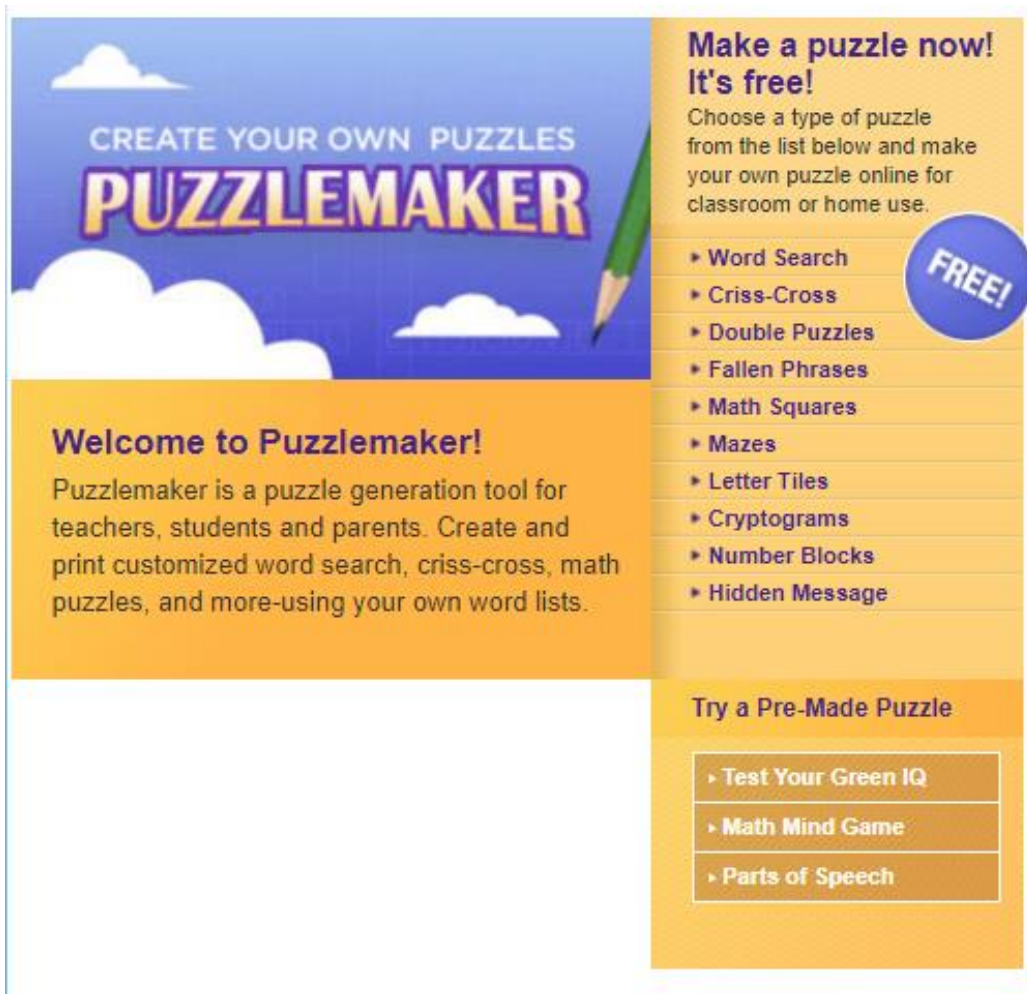


## Workshop Ferramentas digitais na sala de aula – *Discovery Puzzlemaker*

- Aceda ao site <http://www.discoveryeducation.com/free-puzzlemaker/>.



The screenshot shows the Discovery Puzzlemaker website. The top section has a blue background with white clouds and a green pencil. It says "CREATE YOUR OWN PUZZLES" and "PUZZLEMAKER" in large, bold letters. Below this, there's a yellow section with the text "Welcome to Puzzlemaker!" and a description: "Puzzlemaker is a puzzle generation tool for teachers, students and parents. Create and print customized word search, criss-cross, math puzzles, and more-using your own word lists." To the right, there's a yellow box titled "Make a puzzle now! It's free!" with a "FREE!" badge. Below this, there's a list of puzzle types: Word Search, Criss-Cross, Double Puzzles, Fallen Phrases, Math Squares, Mazes, Letter Tiles, Cryptograms, Number Blocks, and Hidden Message. At the bottom, there's a section titled "Try a Pre-Made Puzzle" with three options: Test Your Green IQ, Math Mind Game, and Parts of Speech.

Ferramenta de utilização gratuita.



Não necessita criar conta para utilizar.

### **ATENÇÃO**

Não permite guardar o trabalho realizado, mas permite imprimir em PDF ou enviar para Word .

## Workshop Ferramentas digitais na sala de aula – *Discovery Puzzlemaker*

- Aceda ao site <http://www.discoveryeducation.com/free-puzzlemaker/>.

**Make a puzzle now!  
It's free!**

Choose a type of puzzle from the list below and make your own puzzle online for classroom or home use.

- ▶ Word Search
- ▶ Criss-Cross
- ▶ Double Puzzles
- ▶ Fallen Phrases
- ▶ Math Squares
- ▶ Mazes
- ▶ Letter Tiles
- ▶ Cryptograms
- ▶ Number Blocks
- ▶ Hidden Message

**FREE!**

**Try a Pre-Made Puzzle**

- ▶ Test Your Green IQ
- ▶ Math Mind Game
- ▶ Parts of Speech



O **Puzzlemaker** permite a criação de diferentes tipos de puzzles com palavras e números:

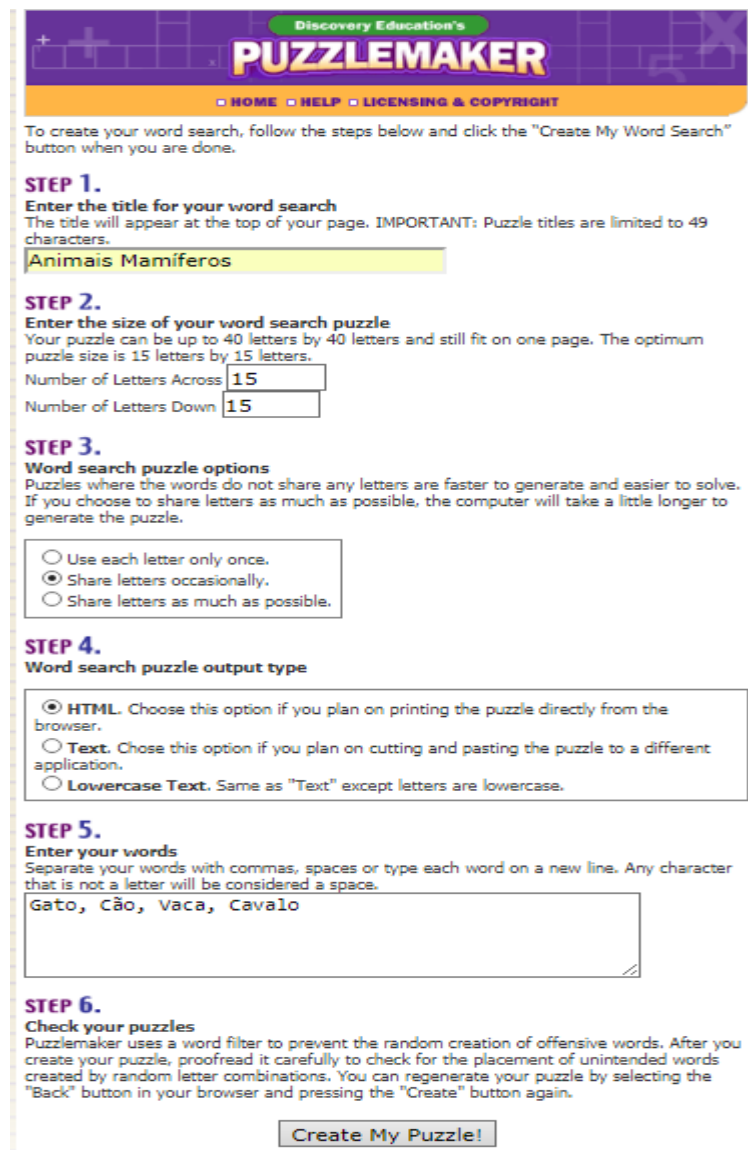
- Sopa de letras
- Palavras cruzadas
- Labirintos
- Criptogramas
- Blocos de letras
- Puzzles matemáticos
- ...

### **NOTA**

Como o processo de criação de puzzles é muito semelhante em todos eles, serão explorados apenas alguns neste tutorial.

## Word Search Sopa de Letras

- 1 - Título (limitado a 49 caracteres)
- 2 - Tamanho da sopa de letras (nº de linhas e colunas)
- 3 – Nº de letras partilhadas pelas palavras
- 4 – Formato de exportação do puzzle
- 5 – Inserir as palavras separadas por vírgulas ou uma em cada linha
- 6 - Gerar o puzzle



Discovery Education's  
**PUZZLEMAKER**

HOME HELP LICENSING & COPYRIGHT

To create your word search, follow the steps below and click the "Create My Word Search" button when you are done.

**STEP 1.**  
**Enter the title for your word search**  
The title will appear at the top of your page. IMPORTANT: Puzzle titles are limited to 49 characters.  
Animais Mamíferos

**STEP 2.**  
**Enter the size of your word search puzzle**  
Your puzzle can be up to 40 letters by 40 letters and still fit on one page. The optimum puzzle size is 15 letters by 15 letters.  
Number of Letters Across   
Number of Letters Down

**STEP 3.**  
**Word search puzzle options**  
Puzzles where the words do not share any letters are faster to generate and easier to solve. If you choose to share letters as much as possible, the computer will take a little longer to generate the puzzle.

Use each letter only once.  
 Share letters occasionally.  
 Share letters as much as possible.

**STEP 4.**  
**Word search puzzle output type**

**HTML.** Choose this option if you plan on printing the puzzle directly from the browser.  
 **Text.** Choose this option if you plan on cutting and pasting the puzzle to a different application.  
 **Lowercase Text.** Same as "Text" except letters are lowercase.

**STEP 5.**  
**Enter your words**  
Separate your words with commas, spaces or type each word on a new line. Any character that is not a letter will be considered a space.  
Gato, Cão, Vaca, Cavalo

**STEP 6.**  
**Check your puzzles**  
Puzzlemaker uses a word filter to prevent the random creation of offensive words. After you create your puzzle, proofread it carefully to check for the placement of unintended words created by random letter combinations. You can regenerate your puzzle by selecting the "Back" button in your browser and pressing the "Create" button again.

**Create My Puzzle!**

## Workshop Ferramentas digitais na sala de aula – *Discovery Puzzlemaker*

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Word Search

**Sopa de Letras**

Exemplo do puzzle gerado

O	A	N	A	O	I	G	U	E	N
Q	L	C	Ã	O	U	Z	X	J	H
W	A	A	R	J	T	I	Y	U	C
V	S	O	V	O	Q	O	M	C	V
U	R	T	C	A	H	H	X	P	L
Z	I	A	X	A	C	G	B	O	U
W	Q	G	T	Y	P	X	P	N	S
E	D	C	X	L	E	P	K	Z	T
U	M	E	J	N	W	R	A	J	Y
P	C	X	P	G	O	N	V	T	S

CAVALO  
CÃO  
GATO  
VACA

### Criss-Cross Palavras Cruzadas

- 1 - Título (limitado a 49 caracteres)
- 2 – Número de quadrados do puzzle
- 3 - Inserir o tamanho dos quadrados
- 4 - Inserir as palavras e as pistas
- 5 – Gerar o puzzle (Create my puzzle)

Discovery Education's  
**PUZZLEMAKER**

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To create your criss-cross, follow the steps below and click the "Create My Criss-Cross" button when you are done.

Puzzlemaker uses PNG image files which are only viewable in Netscape and Internet Explorer browsers version 4.0 or higher. Go to our [Help](#) page if you are having difficulty viewing Puzzlemaker puzzles.

**STEP 1.**  
Enter the title of your criss-cross puzzle  
The title will appear at the top of your page. IMPORTANT: Puzzle titles are limited to 49 characters.

**STEP 2.**  
Enter the number of squares for your puzzle  
Width  Height

**STEP 3.**  
Enter the size of the square  
Specify the size of each square. 30 is standard size.  
Square size

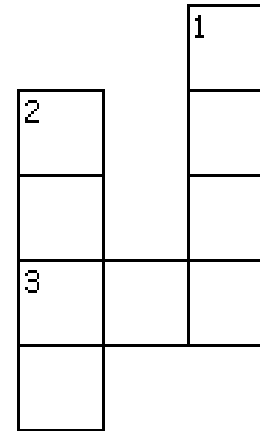
**STEP 4.**  
Enter the words and clues  
On each line enter a word followed by a space and then the clue for that word.

Create My Puzzle!

Criss-Cross

**Palavras Cruzadas**

Exemplo do puzzle gerado



Across

3. Animal que ladra

Down

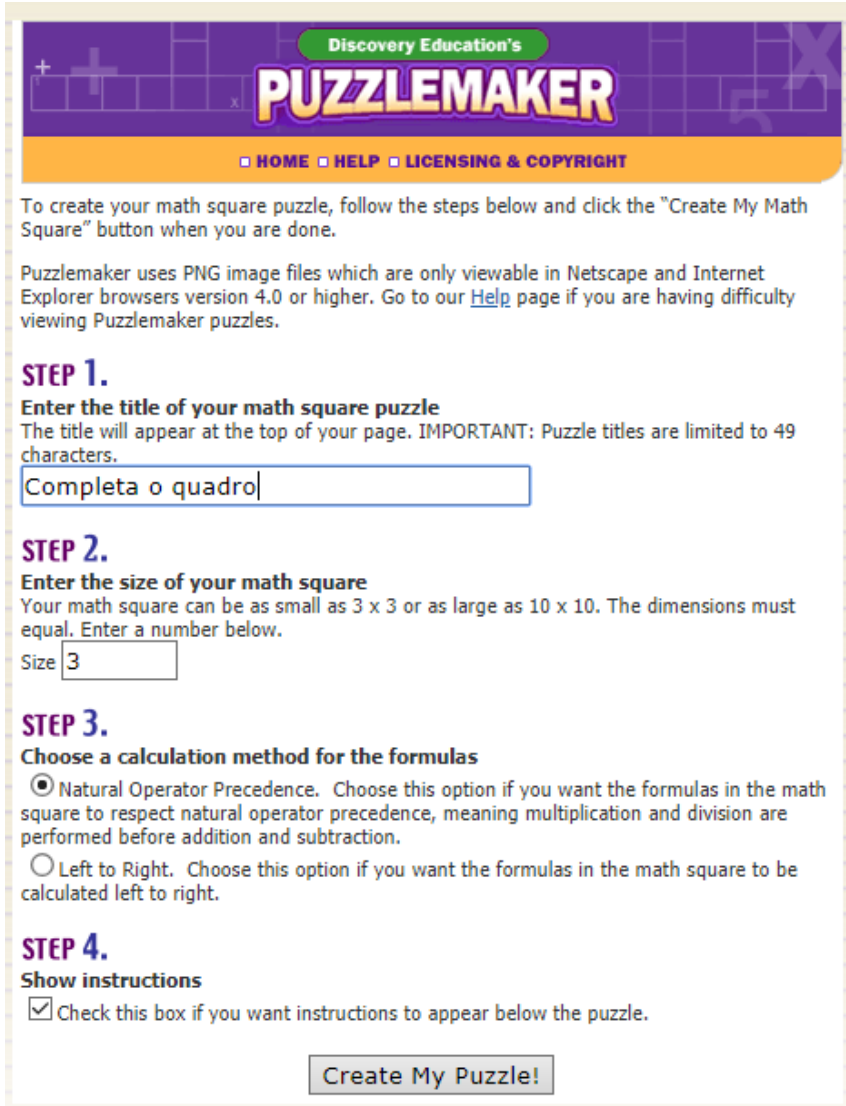
1. Animal que mia

2. Animal que dá leite

Math square

**Quadrados matemáticos**

- 1 - Título (limitado a 49 caracteres)
- 2 – Tamanho do quadrado
- 3 – Escolher o método de cálculo
- 4 – Mostrar as instruções no exercício
- 5 – Gerar o puzzle (Create my puzzle)



Discovery Education's  
**PUZZLEMAKER**

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To create your math square puzzle, follow the steps below and click the "Create My Math Square" button when you are done.

Puzzlemaker uses PNG image files which are only viewable in Netscape and Internet Explorer browsers version 4.0 or higher. Go to our [Help](#) page if you are having difficulty viewing Puzzlemaker puzzles.

**STEP 1.**  
**Enter the title of your math square puzzle**  
The title will appear at the top of your page. IMPORTANT: Puzzle titles are limited to 49 characters.

**STEP 2.**  
**Enter the size of your math square**  
Your math square can be as small as 3 x 3 or as large as 10 x 10. The dimensions must equal. Enter a number below.  
Size

**STEP 3.**  
**Choose a calculation method for the formulas**

- Natural Operator Precedence. Choose this option if you want the formulas in the math square to respect natural operator precedence, meaning multiplication and division are performed before addition and subtraction.
- Left to Right. Choose this option if you want the formulas in the math square to be calculated left to right.

**STEP 4.**  
**Show instructions**  
 Check this box if you want instructions to appear below the puzzle.



Math square

**Quadrados matemáticos**

Exemplo do puzzle gerado

	/		-		-1
+		X		-	
	+		X		55
X		+		X	
	-		+		0
10		43		-27	

Try to fill in the missing numbers.

Use the numbers 1 through 9 to complete the equations.

Each number is only used once.

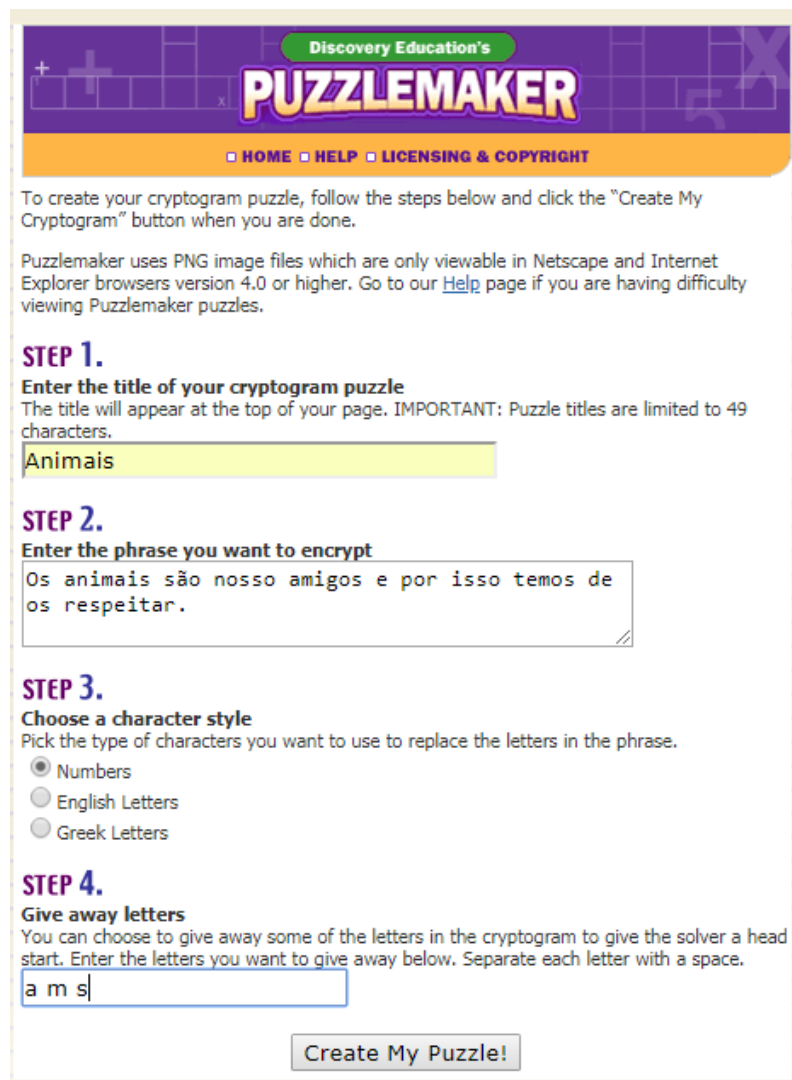
Each row is a math equation. Each column is a math equation.

Remember that multiplication and division are performed before addition and subtraction.

### Cryptogram

### Mensagens codificadas

- 1 - Título (limitado a 49 caracteres)
- 2 – Escrever a frase pretendida
- 3 – Escolher o método de codificação
- 4 – Mostar algumas letras
- 5 – Gerar o puzzle (**Create my puzzle**)



Discovery Education's  
**PUZZLEMAKER**

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To create your cryptogram puzzle, follow the steps below and click the "Create My Cryptogram" button when you are done.

Puzzlemaker uses PNG image files which are only viewable in Netscape and Internet Explorer browsers version 4.0 or higher. Go to our [Help](#) page if you are having difficulty viewing Puzzlemaker puzzles.

**STEP 1.**  
**Enter the title of your cryptogram puzzle**  
The title will appear at the top of your page. IMPORTANT: Puzzle titles are limited to 49 characters.  
Animais

**STEP 2.**  
**Enter the phrase you want to encrypt**  
Os animais são nosso amigos e por isso temos de os respeitar.

**STEP 3.**  
**Choose a character style**  
Pick the type of characters you want to use to replace the letters in the phrase.  
 Numbers  
 English Letters  
 Greek Letters

**STEP 4.**  
**Give away letters**  
You can choose to give away some of the letters in the cryptogram to give the solver a head start. Enter the letters you want to give away below. Separate each letter with a space.  
a m s

Create My Puzzle!

Cryptogram

**Mensagens codificadas**

Exemplo do puzzle gerado

### Animais

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	
13												19						8								

<u>S</u>	<u>A</u>	<u>M</u>	<u>A</u>	<u>S</u>	<u>S</u>	<u>Ã</u>	<u>S</u>	<u>S</u>	<u>A</u>	<u>M</u>	<u>S</u>
1 8	13 4	11 19	13 11	8	8	1	4	1 8 8 1	13 19	11 14	1 8
<u>S</u>	<u>S</u>	<u>M</u>	<u>S</u>	<u>S</u>	<u>S</u>	<u>A</u>					
24	16 1 23	11 8 8 1	21 24	19 1 8	15 24	1 8	23 24	8 16 24	11 21	13	

23

**Imprimir / Exportar os puzzles**

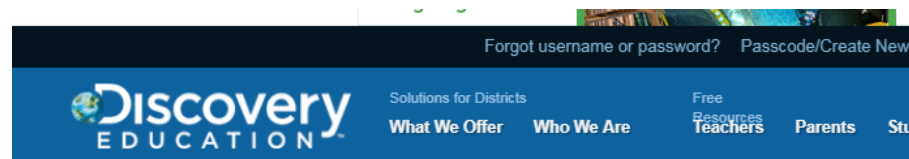
Pode seleccionar o exercício e copiar para o Word.

Exemplo do puzzle gerado

				5
0				2
	2			11
1	0	2		5
			2	5
8	3	3	9	6

Try to fill in the missing numbers.

The missing numbers are integers between 0 and 5.  
The numbers in each row add up to totals to the right.  
The numbers in each column add up to the totals along the bottom.  
The diagonal lines also add up the totals to the right.



				5
0				2
	2			11
1	0	2		5
			2	5
8	3	3	9	6

Try to fill in the missing numbers.

The missing numbers are integers between 0 and 5.  
The numbers in each row add up to totals to the right.  
The numbers in each column add up to the totals along the bottom.  
The diagonal lines also add up the totals to the right.

Solution

Bom trabalho com o

**Discovery Puzzlemaker**