



# Fédération Française des Echecs

## « *Chess in Schools* »





MINISTÈRE  
DE L'ÉDUCATION  
NATIONALE

# Ministry of Education

French Chess  
Federation



## Training and Tools for Teachers

## LES ÉLÈVES

# 12 398 900

ÉCOLIERS, COLLÉGIENS ET LYCÉENS  
en France métropolitaine et DOM public et privé<sup>1</sup>

6 808 900 élèves du premier degré

5 590 000 élèves du second degré  
dont 3 325 400 collégiens et 2 264 600 lycéens  
(dont 665 800 lycéens professionnels)

279 000 élèves en situation de handicap  
scolarisés en milieu ordinaire<sup>2</sup>  
soit + 53 400 élèves en trois ans

<sup>1</sup> Prévission rentrée 2016

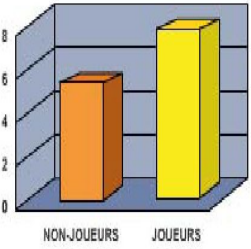
<sup>2</sup> Rentrée 2015



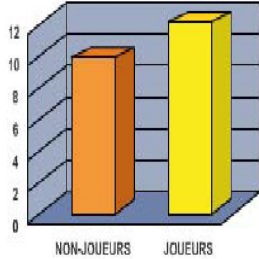
400.000  
(U.S.E.P. + U.N.S.S.)



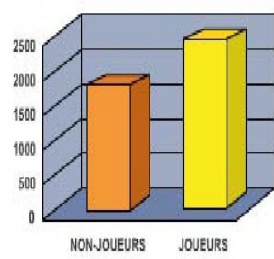
Concentration : + 50%



Mémoire : + 22%



Raisonnement : + 32%



# How to motivate teachers ?



What didactic transposition ?

How to improve the maths skills with chess ?

Mathematics problems

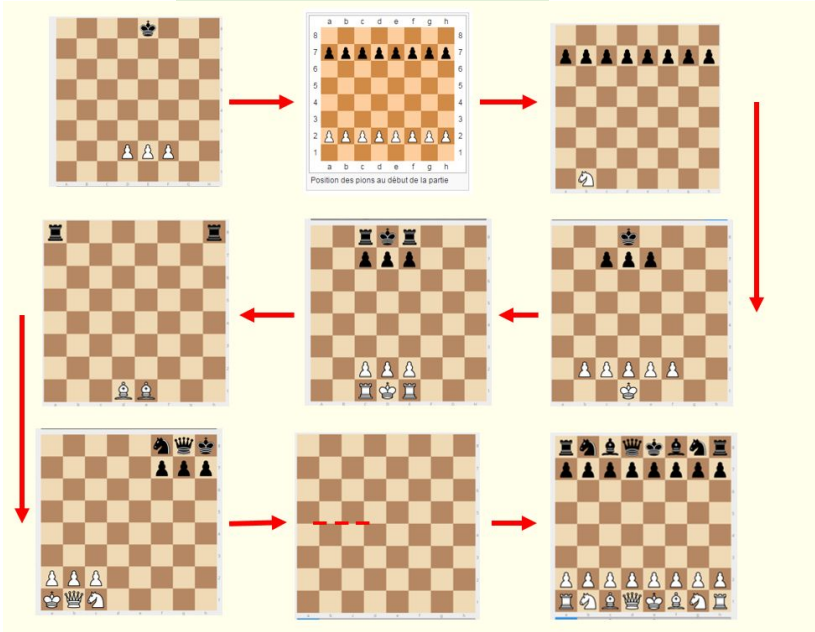
Geometry

Computer coding

How can they use chess like a tool ?

How to learn with chess ?

How to learn chess gradually ?

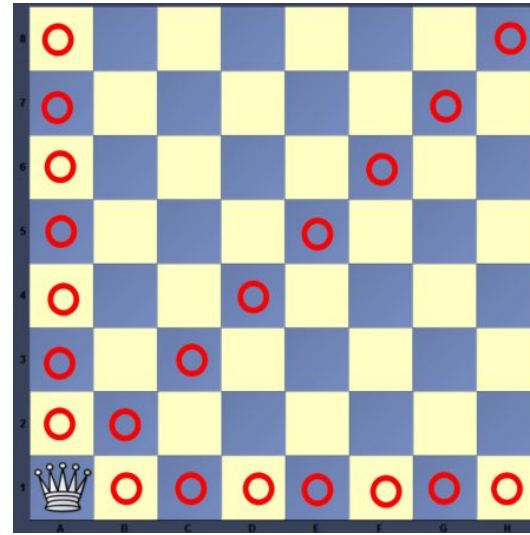
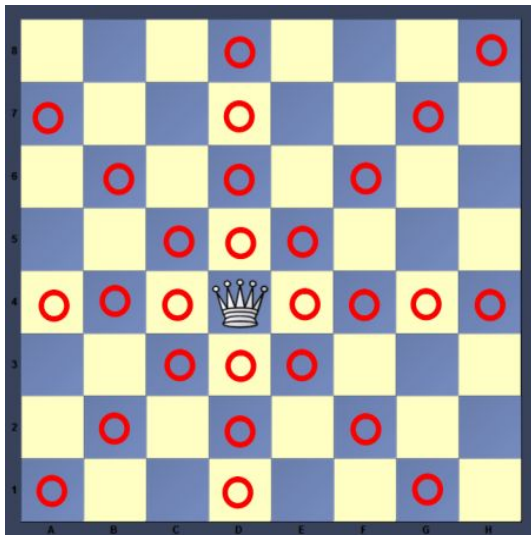
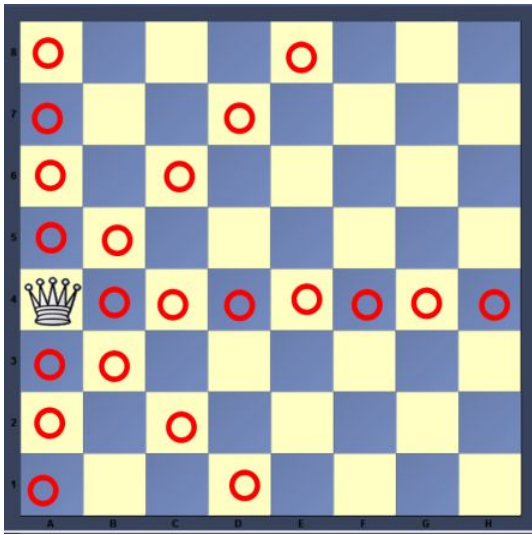


Mathematics  
problems

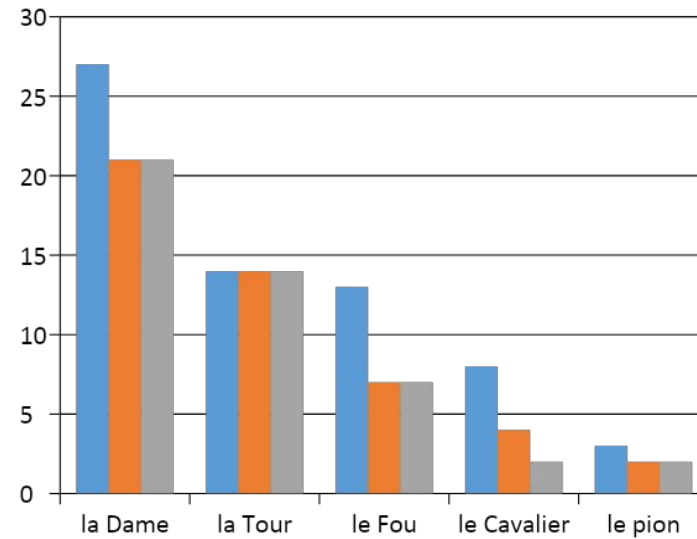


The chess piece relative value : « arrange in order from least to greatest »





	In the center	On the side	In the corner
Queen	27	21	21
Rook	14	14	14
Bishop	13	7	7
Knight	8	4	2
Pawn	3	2	2

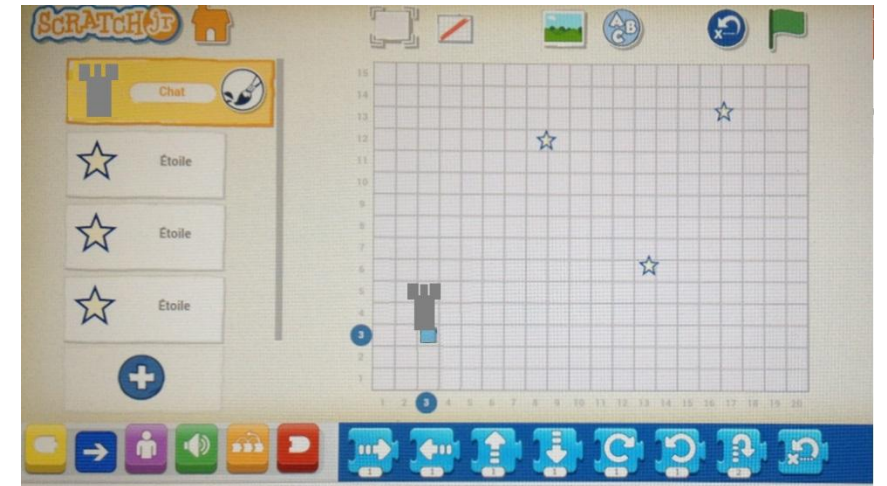
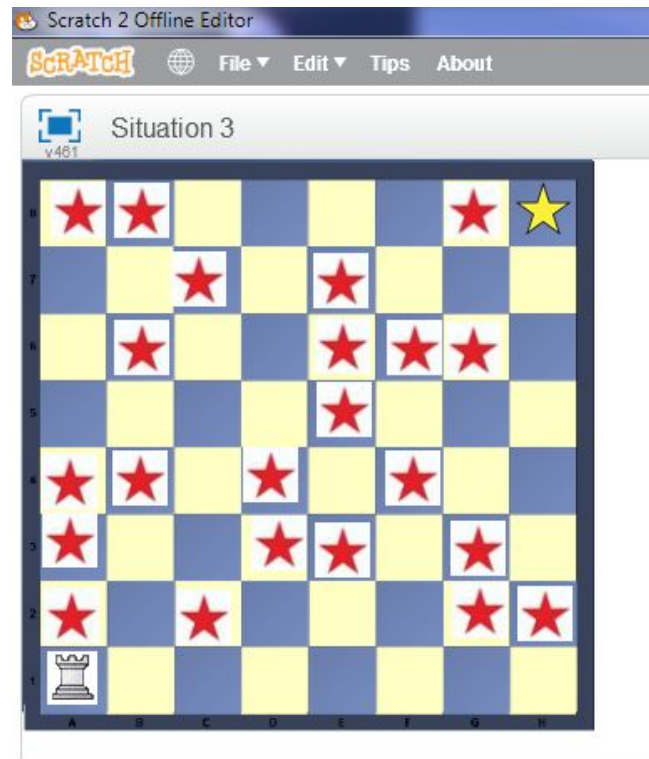




	un carré	un rectangle	un losange	un triangle
Dame				
Tour				
Fou				
Cavalier				

“85% Of Jobs That Will Exist In 2030 Haven’t Been Invented Yet” (Dell)

Computer coding : coding is the futur ! (creativity, funny, motivating, ...)





# lichess.org



Menu

## Les pièces



La Tour



Le Fou



La Dame



Le Roi



Le Cavalier

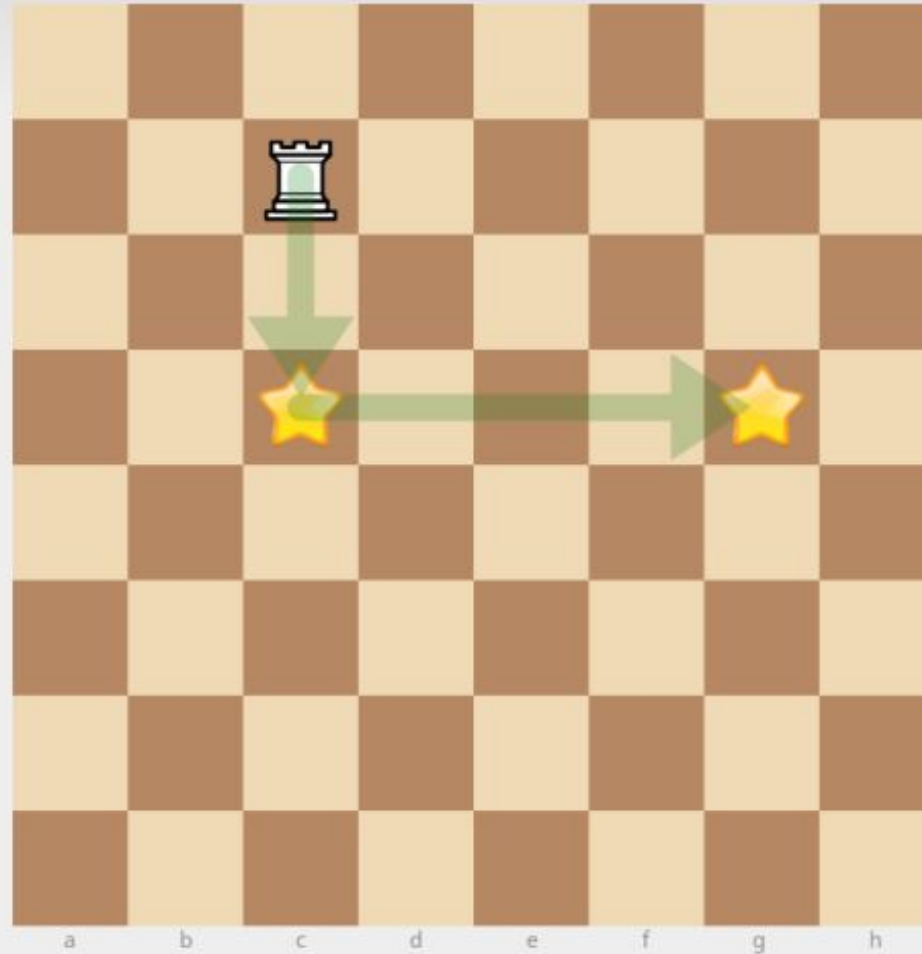


Le Pion

Les fondamentaux

Intermédiaire

Avancé

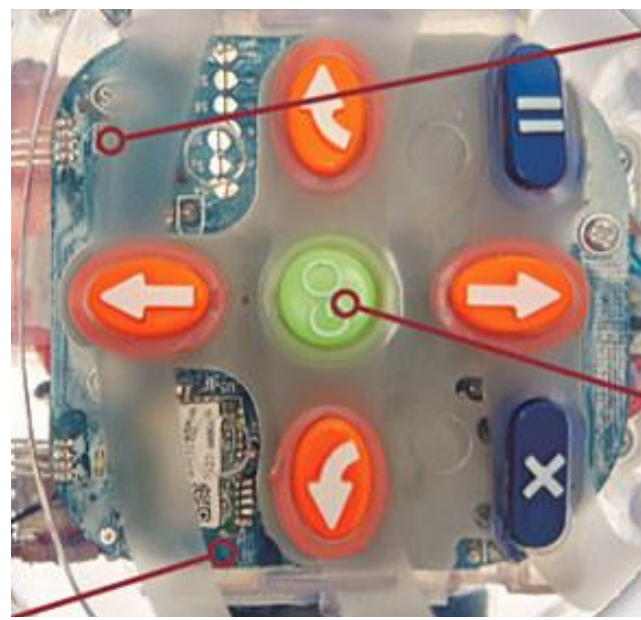
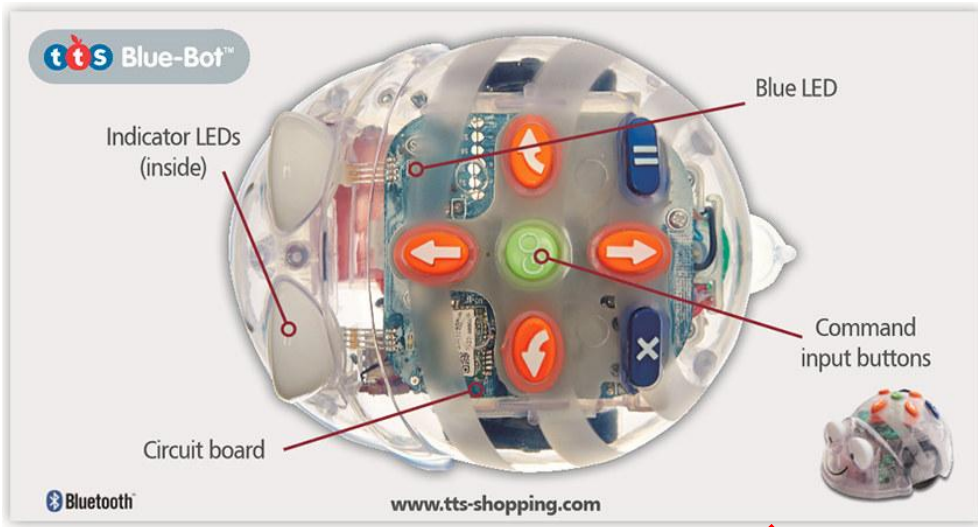


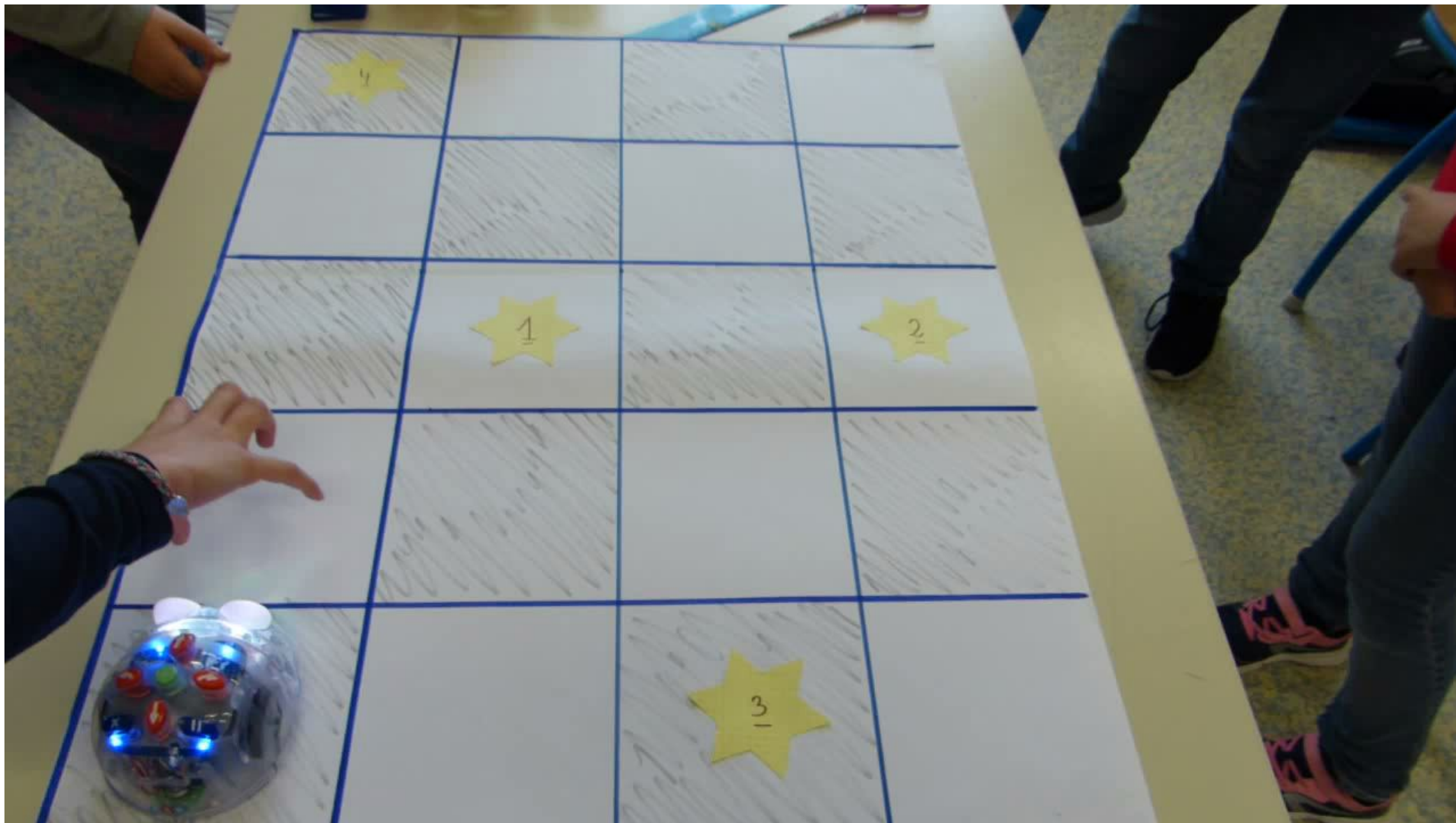
## La Tour

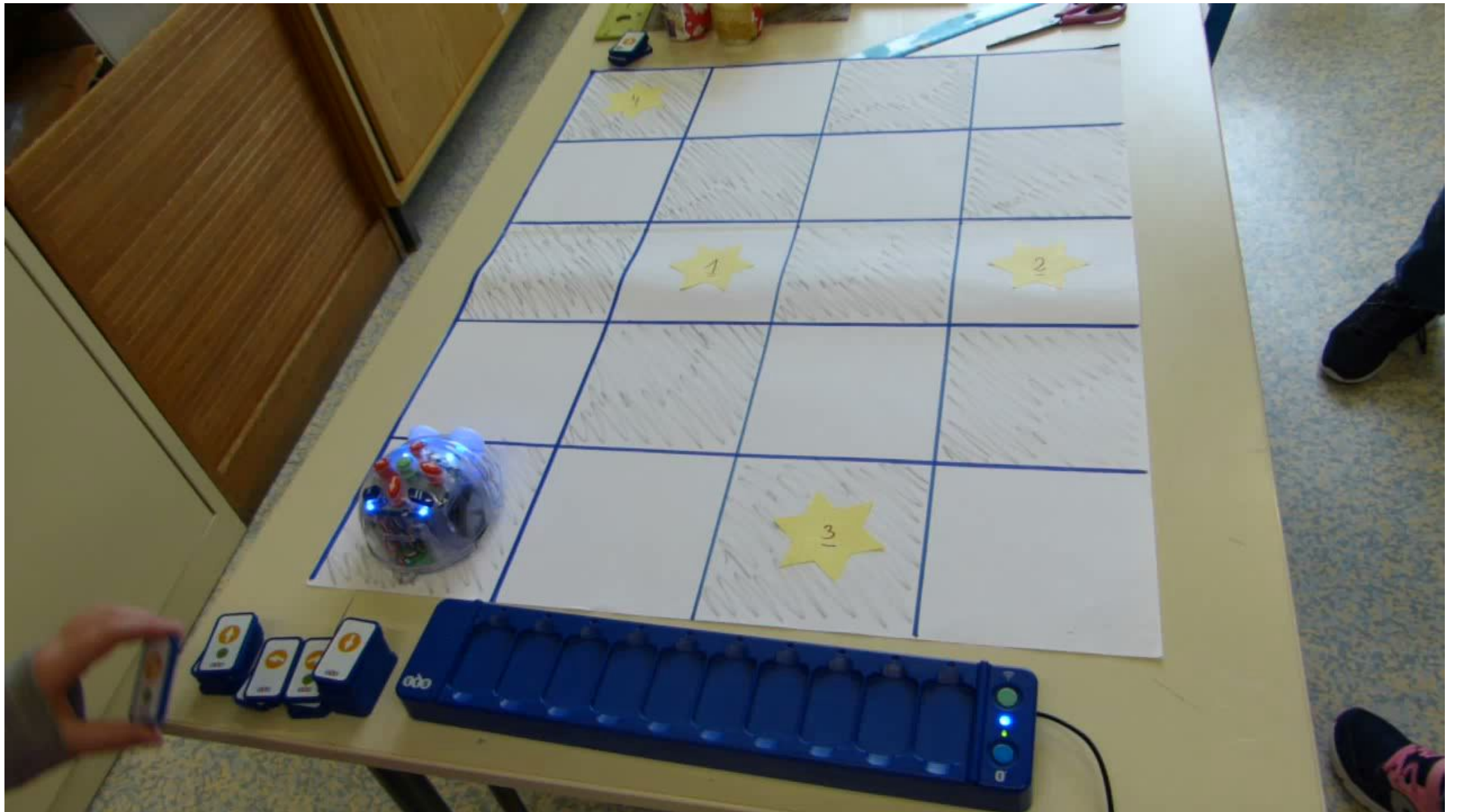
Il se déplace sur une ligne droite

Collectez toutes les étoiles !













lichess.org



Menu

Les pièces



La Tour



Le Fou



La Dame



Le Roi



Le Cavalier

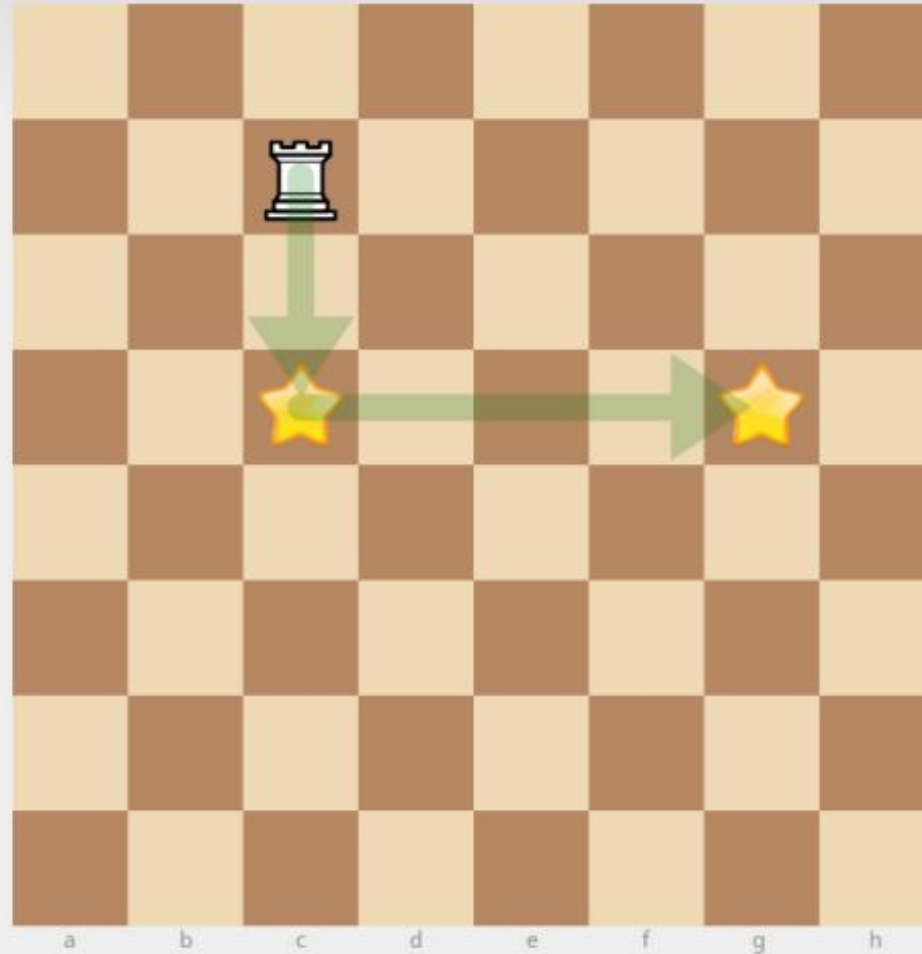


Le Pion

Les fondamentaux

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Avancé



La Tour

Il se déplace sur une ligne droite

Collectez toutes les étoiles !





Cycle 3 v461

X: 240 Y: -180

Sprites

New sprite: [Icons for new sprite]

Tour Blanc... Étoile\_d'or... Étoile\_d'or...

Stage 2 backdrops

New backdrop: [Icons for new backdrop]

Scripts | Costumes | Sounds

Motion | Looks | Sound | Pen | Data

Events | Control | Sensing | Operators | More Blocks

when up arrow key pressed  
change y by 40

when down arrow key pressed  
change y by -40

when left arrow key pressed  
change x by -40

when right arrow key pressed  
change x by 40

move 10 steps

turn 15 degrees

turn 15 degrees

point in direction 90

point towards mouse-pointer

go to x: -130 y: 107

go to mouse-pointer

glide 1 secs to x: -130 y: 107

change x by 10

set x to 0

change y by 10

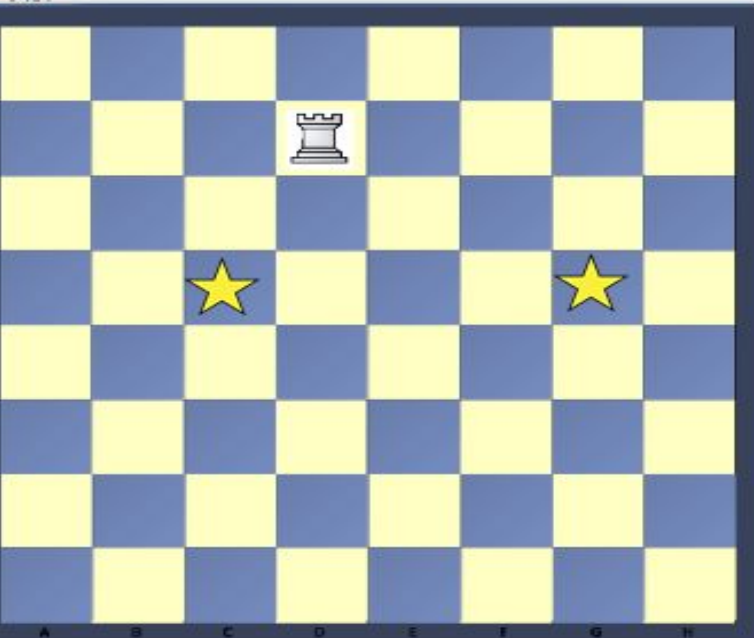
set y to 0







Cycle 3



X: 240 Y: -180

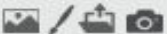
Sprites

New sprite:



Stage  
2 backdrops

New backdrop:



White rook



Étoile\_d'or...



Étoile\_d'or...

Scripts Costumes Sounds

- Motion
- Looks
- Sound
- Pen
- Data
- Events
- Control
- Sensing**
- Operators
- More Blocks

- touching mouse-pointer ?
- touching color ?
- color is touching ?
- distance to mouse-pointer
- ask 'What's your name?' and wait
- answer

```
when clicked
  show
  forever
    if touching White rook ? then
      hide
```

```
when clicked
  show
```

```
forever
  if touching White rook ? then
    hide
```

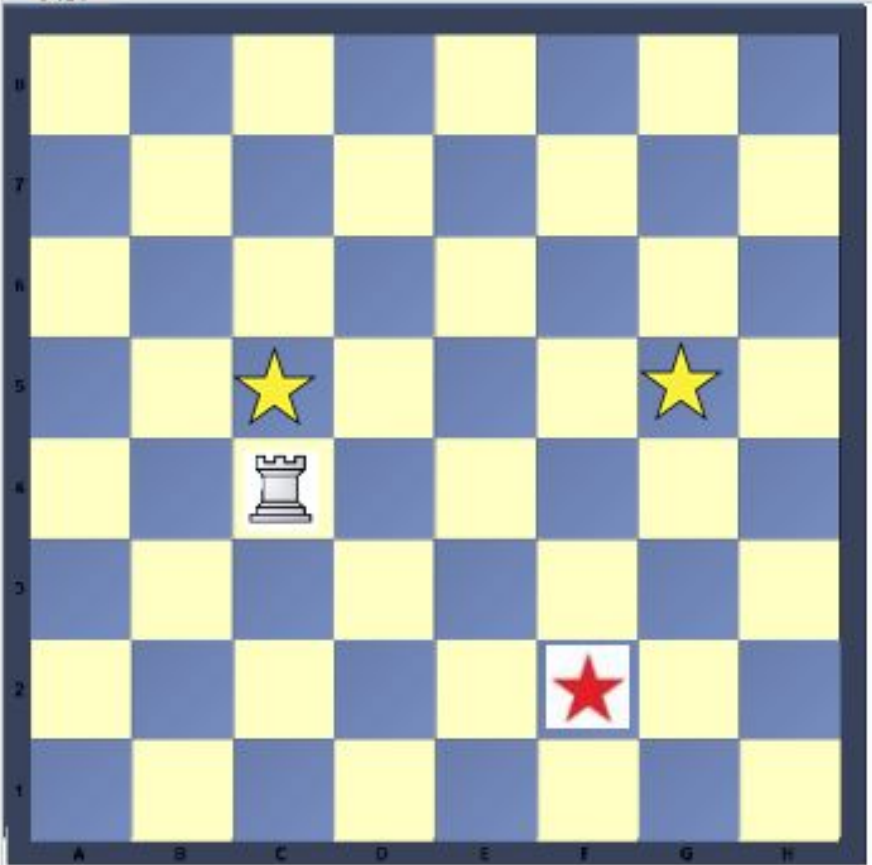


- days since 2000
- username



# Situation 1

v481



x: 240 y: -180

## Scripts | Costumes | Sounds

- Motion
- Looks
- Sound
- Pen
- Data
- Events
- Control
- Sensing
- Operators
- More Blocks

```

say Hello! for 2 secs
say Hello!
think Hmm... for 2 secs
think Hmm...

show
hide

switch costume to pièces - Copie (
next costume

switch backdrop to Plateau calibré

change color effect by 25
set color effect to 0
clear graphic effects
  
```

```

when clicked
show
forever
  if touching Red Star ? then
    hide
when up arrow key pressed
  change y by 40
when down arrow key pressed
  change y by -40
when left arrow key pressed
  change x by -40
when right arrow key pressed
  change x by 40
  
```

## Sprites

New sprite:



Stage  
2 backdrops



White rook



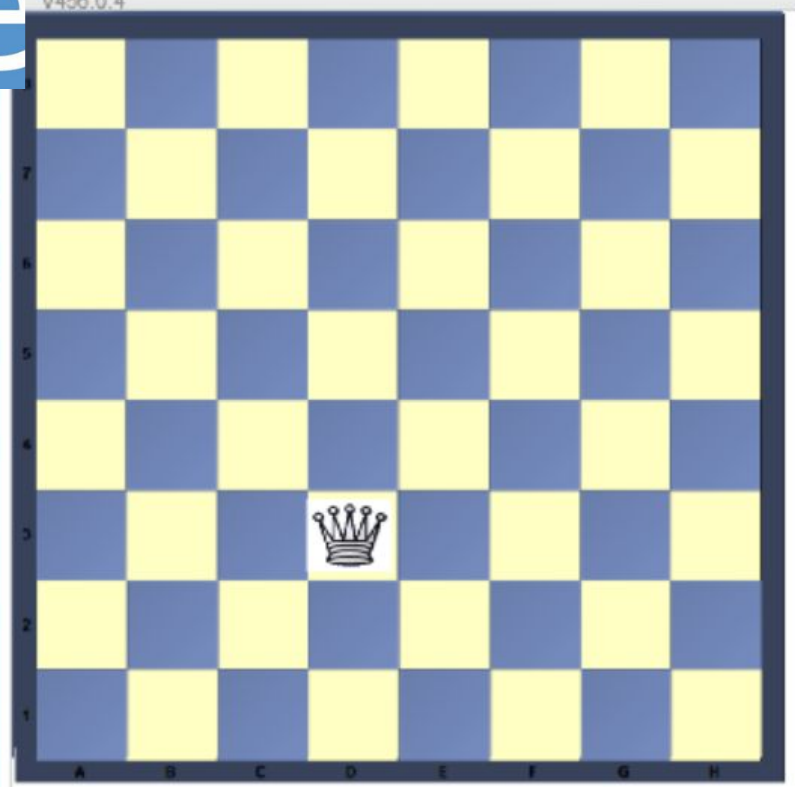
Yellow Star



Yellow St...



Red Star



X: 240 Y: -180

Sprites

New sprite:

Stage  
2 backdrops

pièces - C...

Scripts | Costumes | Sounds

- Motion
- Looks
- Sound
- Pen
- Data
- Events
- Control
- Sensing
- Operators
- More Blocks

move 10 steps

turn 15 degrees

turn 15 degrees

point in direction 90

point towards mouse-pointer

go to x: -91 y: -52

go to mouse-pointer

glide 1 secs to x: -91 y: -52

change x by 10

set x to 0

change y by 10

when 8 key pressed  
change y by 40

when 9 key pressed  
change by 40  
change by 40

when 6 key pressed  
change x by 40

when 2 key pressed  
change y by -40

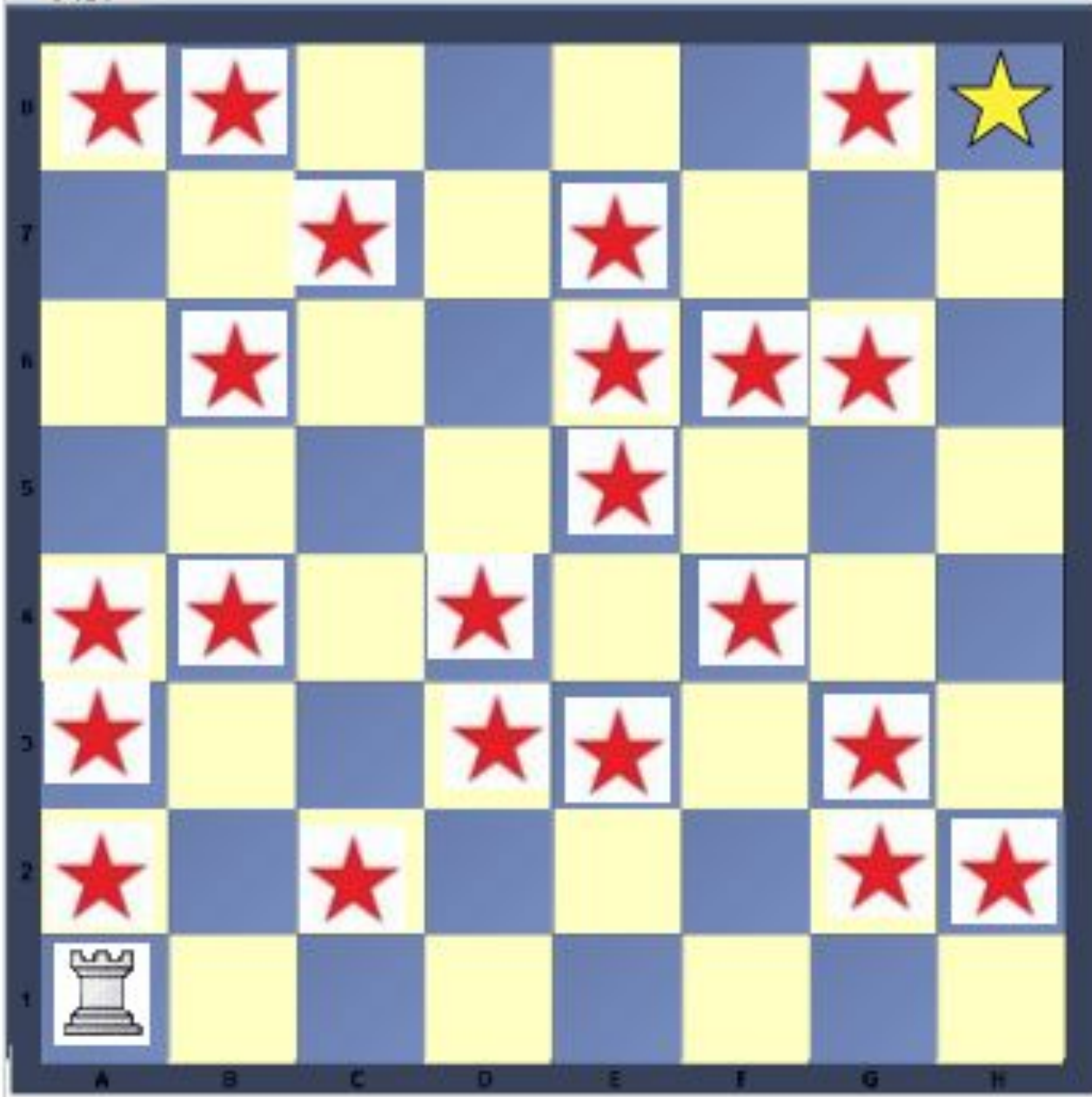
when 4 key pressed  
change x by -40

when 7 key pressed  
change by -40  
change by 40

when 1 key pressed

x: -91  
y: -52





Séance 6 et 7 William

Score à atteindre **11**

Ton score **0**

Dame : 10 points  
 Tour : 5 points  
 Cavalier : 3 points  
 Fou : 3 points  
 Pions : 1 points

Scripts Costumes Sounds

**Motion** Events Control Sensing Operators More Blocks

Looks Sound Pen Data

move 10 steps

turn 15 degrees

turn 15 degrees

point in direction 90

point towards mouse-pointer

go to x: 73 y: -131

go to mouse-pointer

glide 1 secs to x: 73 y: -131

change x by 10

set x to 0

change y by 10

set y to 0

x: 73 y: -131

when clicked

show

forever

if touching tour A ?

hide

Sprites New sprite:

Stage 2 backdrops

New backdrop:

Tour B dame cavalier fou pion

tour A pion2 pion3





bonjour je  
m'appelle yasmine  
j'ai 10 ans et demi

SCRATCH JR

Home icon

Stage icons: Stage, Eraser, Background, Text, Undo, Flag

Chat icon

Star icons: Étoile, Étoile, Étoile

Plus icon

Stage grid (15x20)

Stage content: Castle sprite at (3, 3), Star at (8, 12), Star at (13, 6), Star at (16, 13)

Sprite icons: Chat, Move, Turn, Grow, Shrink, Rotate, Repeat, Repeat with count, Repeat with count and stop

X	Y	Object
3	3	Castle
8	12	Star
13	6	Star
16	13	Star





# Fédération Française des Echecs

## « *Chess in Schools* »





# *Primary School Sport Federation : U.S.E.P.*

## **What is Usep ?**

- 735 508 licensees children
- 43 116 licensees adults.
- 8 712 locals associations which represents 10 836 primary schools
- 104 departments
- 13 districts

## **PRIORITIES**

- « Citizens of sport »
- Organize chess meetings between each school
- Create chess training and educational tools for teachers



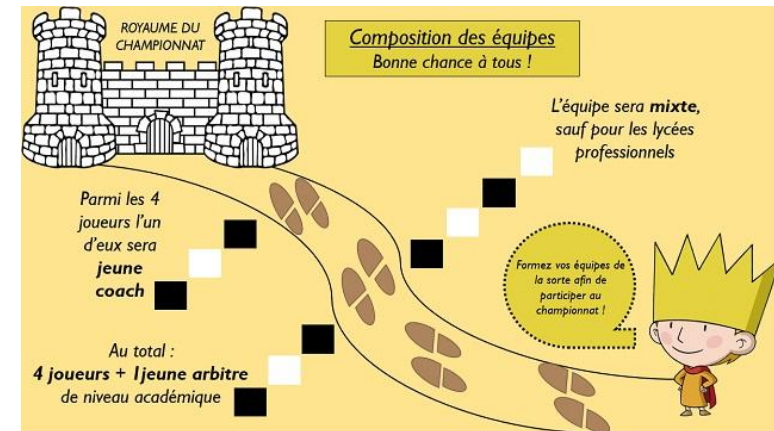
## What is UNSS ?

- 2017 : 1 146 988 licensees from 12 to 18 years old, from high schools
- 2016 : FFE and UNSS launch the first national school team championship  
700 teams / 40 qualified teams
- 2018 : FFE and UNSS launch the « e-échecs challenge »  
937 students from 142 high schools.



## UNSS VALUES DEVELOPMENT PRIORITIES :

- Sport for girls and women.
- Sport for sensitive neighbourhoods, such as those in France with its Priority Education Areas.
- Training for licensees, sport teachers, sport educators.
- Sport for health and welfare.



# L'Agence de l'Enseignement du Français à l'Étranger : A.E.F.E.

## Worldwide school network

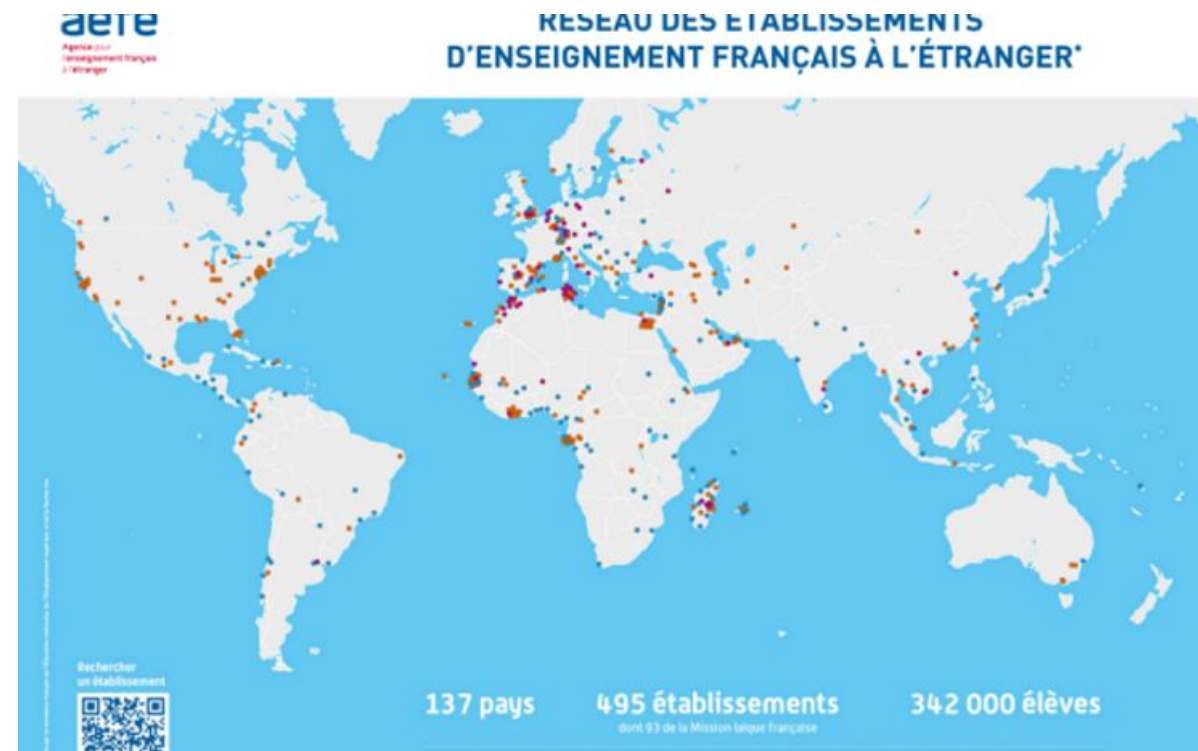


Liberté • Égalité • Fraternité  
RÉPUBLIQUE FRANÇAISE

MINISTÈRE  
DES  
AFFAIRES ÉTRANGÈRES

### What is AEFÉ ?

- 137 countries, 492 schools, 350.000 students
- Develop chess sport by the AEFÉ network
- Create an AEFÉ schools chess championship by internet platform



# National High Schools Chess Championship

- The objective of the national event is to create awareness and educate the future leaders of tomorrow
- 340 players online, 155 of 45 french majors schools qualified at the final tournament at the castle of Asnières.
- A national website dedicated to the event <https://grandes-ecoles.ffechecs.org/>



# Ministry of Education



# French Chess Federation



## Primary School Secondary School

**LES ÉLÈVES**

# 12 398 900

**ÉCOLIERS, COLLÉGIENS ET LYCÉENS**  
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279 000 élèves en situation de handicap  
scolarisés en milieu ordinaire<sup>2</sup>  
soit + 53 400 élèves en trois ans

<sup>1</sup> Prévission rentrée 2016  
<sup>2</sup> Rentrée 2015

U.S.E.P + U.N.S.S.

400.000



54860 licensees (31/08/2018)

