



MOHOLY-NAGY  
VISUAL  
MODULES

# Online diagnostic tests for „Visual culture” and „Art History”

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*“Competencies in Visual Literacy: assignments, assessment and educational contexts”*

12-13 March 2018, Paris 1 University, Sorbonne, Paris.

Diagnostic assessment of **3 main domains**: reading, mathematics, science) + **14 cognitive, affective skills** and **competences**

**Wide variety of item types** with sound, image, video and animation

**Voiceover** for slow readers

Online testing of visual communication skills



**Electronic Diagnostic Assessment System (eDIA)**  
Szeged University, Research Group  
on Competence Development



**22. Feladat**

A FELSŐ képeken a Jáki templom modelljét látod két különböző nézetben.

✦ Válaszd ki az ALSÓ négy kép közül a Jáki templomhoz tartozó alaprajzot!



**Image databanks** are created to support and also complement the online testing environment in the art room.





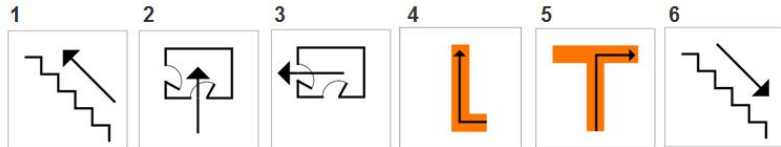
### 16. Feladat

Bence éppen a SZIGETEN napozik. Elindul a partra, de hogy merre megy és hová tart neked kell kitalálnod. A kis ábrák **SORRENDBEN** mutatják, hogy merre haladt.

☺ Segítségül elárulom az itt kiemelt ábra jelentését: **MENJ BE A HÁZBA!**



☀ **Hová érkezett Bence?**  
Jelöld be a helyes választ!  
(Figyelj a nyílra, mindig megmutatja a helyes irányt!)



A nagy ház elé

A kilátó elé

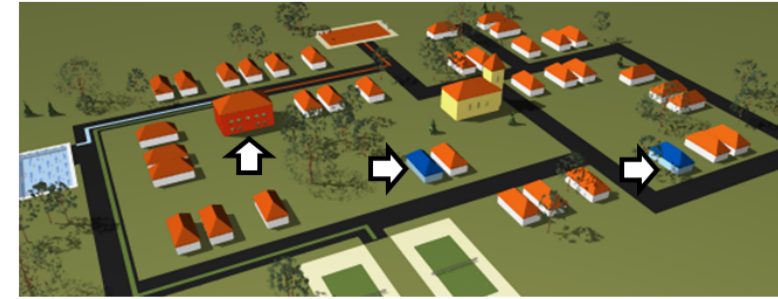
A világítótornyhoz

A fagyishoz

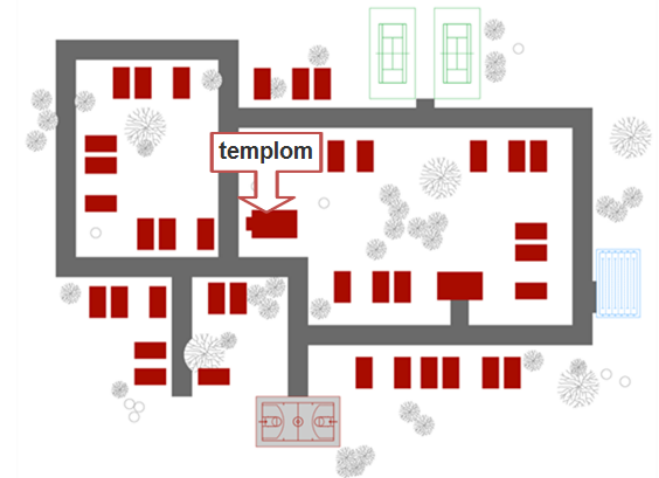
### 6. Feladat

Egy barátodhoz mész látogatóba a faluba, akit valamelyik **KÉK HÁZBAN** vagy az **ISKOLÁBAN** találhatsz meg.

Kaptál egy **fényképet** és egy **térképet** is segítségként. (A fényképen nyilak mutatják a három épületet.)



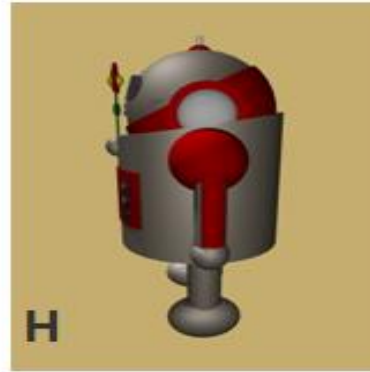
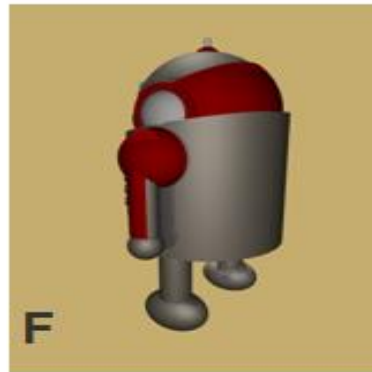
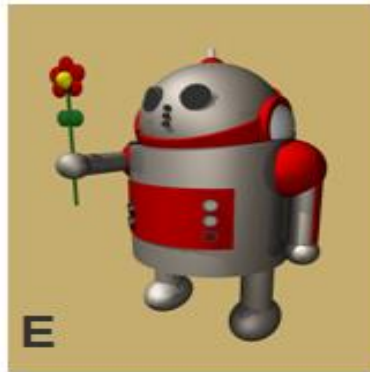
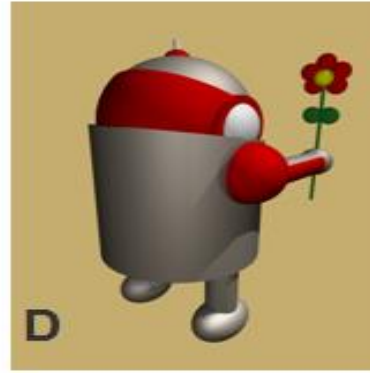
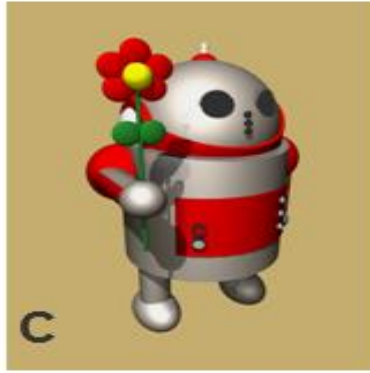
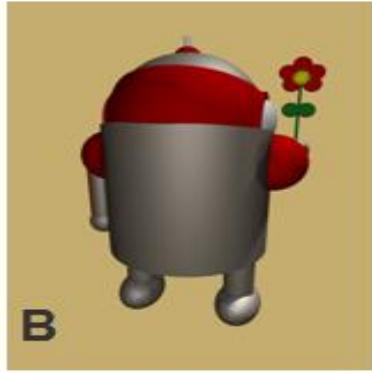
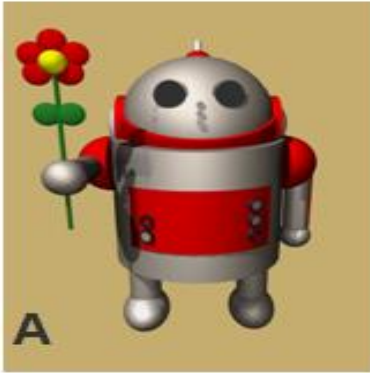
☀ Próbáld meg kitalálni, hogy melyik piros téglalapok jelölik a **KÉK HÁZAKAT** és az **ISKOLÁT**. Kattints rájuk a térképen!



☺ Segítségként a templomot kiemeltem a térképen.

**Same** skills assessed – **different** visualisation to suit age level

# Spatial skills: Mental rotation



“The robot picked a nice flower and is now turning round to show it to everyone. Try to sort his pictures IN THE ORDER OF HIS TURNING MOVEMENT.”

I started numbering picture **A is phase 1**, picture **E is phase 2**. Write the correct numbers in the brackets below the pictures. (3, 4, 5, 6, 7, 8)”

A 1

B 5

C 8

D 6

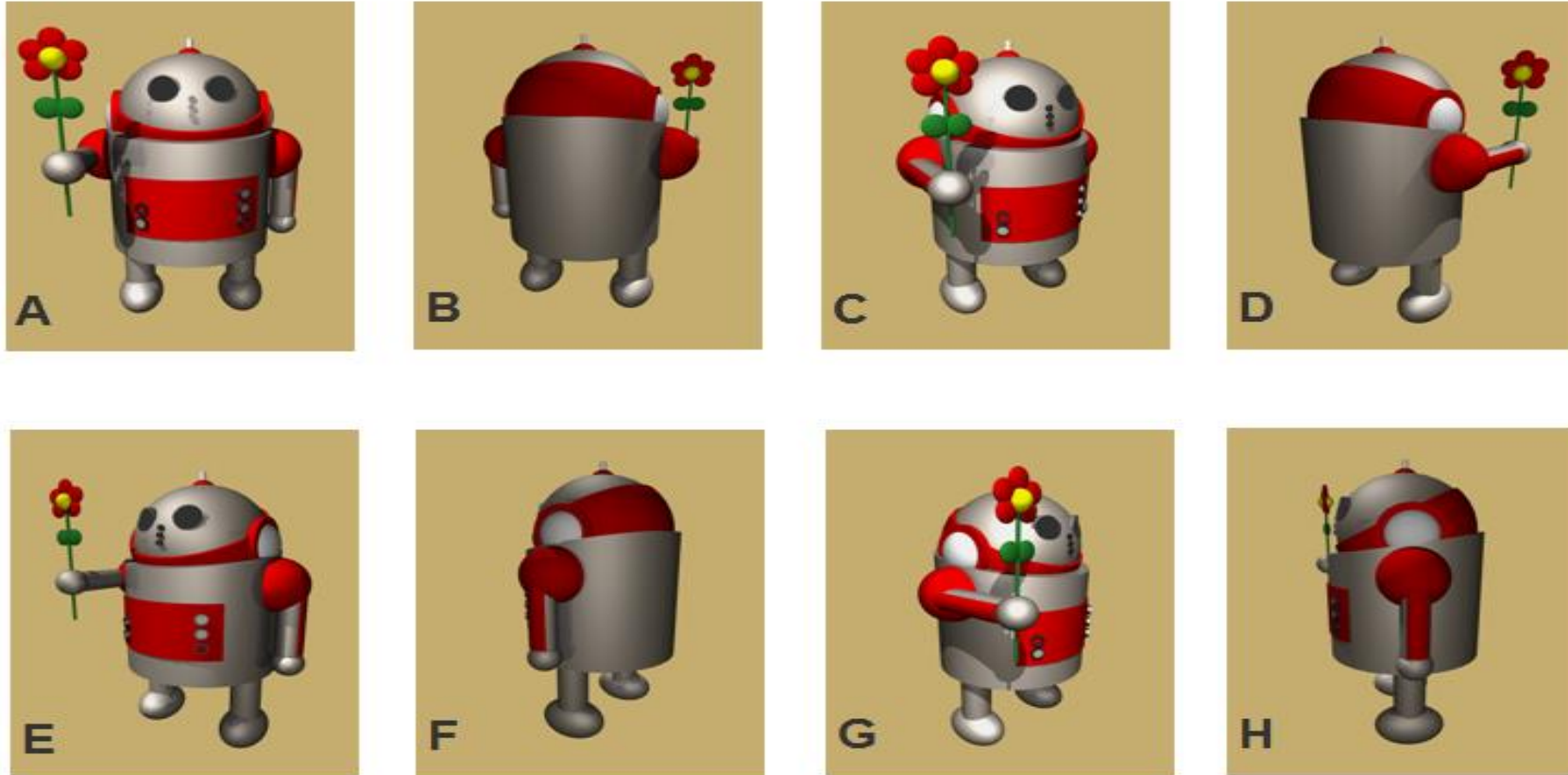
E 2

F 4

G 7

H 3

# Spatial skill components evaluated

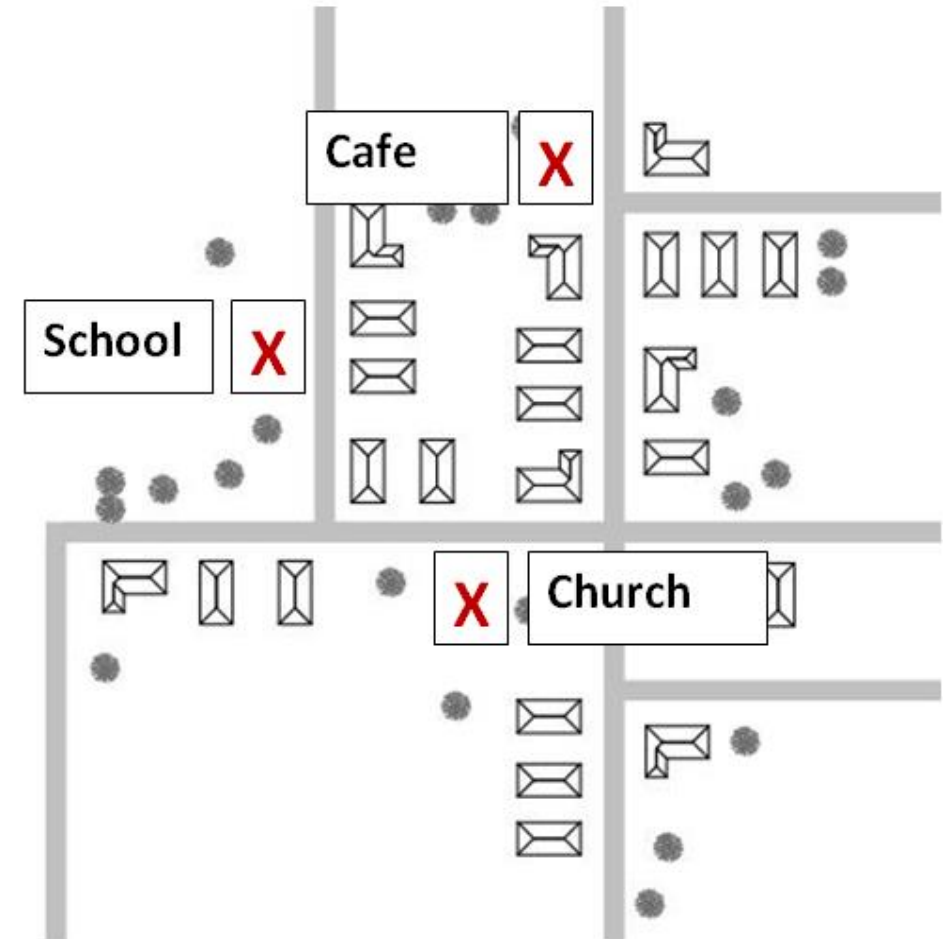
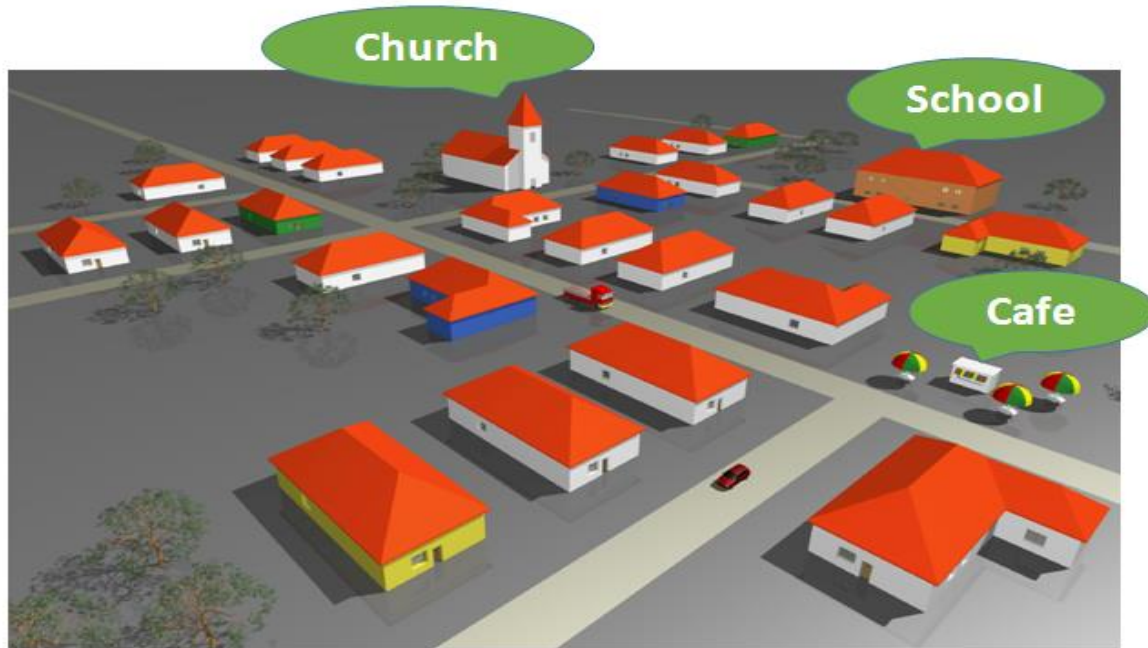


**Skills involved:** mental rotation of the movement of the object in space

Arranging the phases of the movement in the correct order.

**Connection with CEFR-VL:** visual perception, imagination, spatial skills

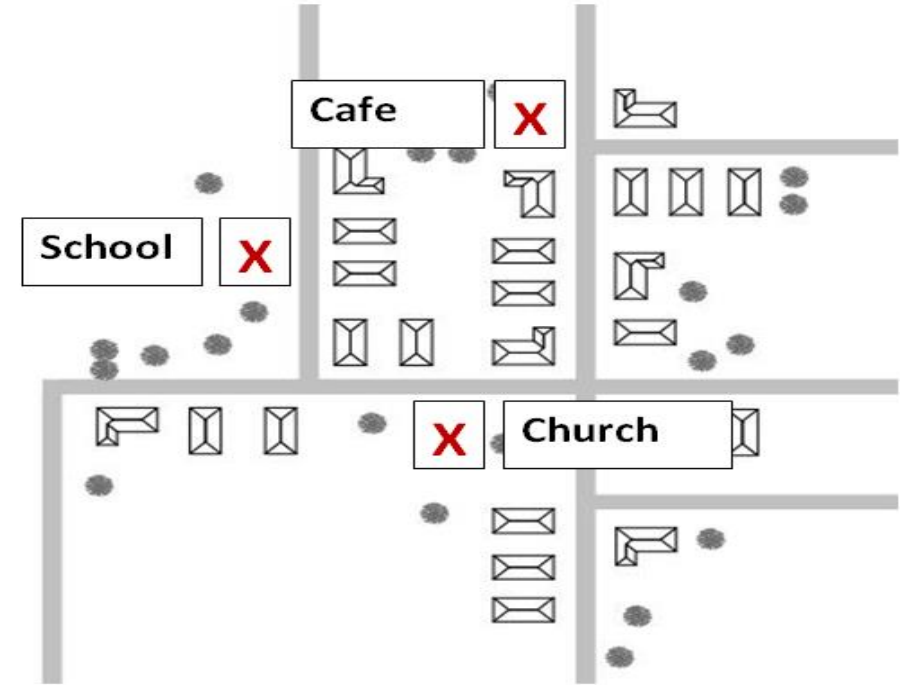
# Spatial skills: Orientation in the environment 1



Find the church, the school and the café on the map, and click on them to indicate your choice.



# Orientation in the environment 1: skill components



**Skills involved:** visual perception, imagination, interpretation of signs and symbols, correlation of lifelike and abstract representations.

**Connection with CEFR-VL:** visual perception, imagination, spatial skills



# Spatial skills: Orientation in the environment 2



**“Identify two blue, two yellow and two green buildings on the map and paint them with similar colours as those on this image.”**

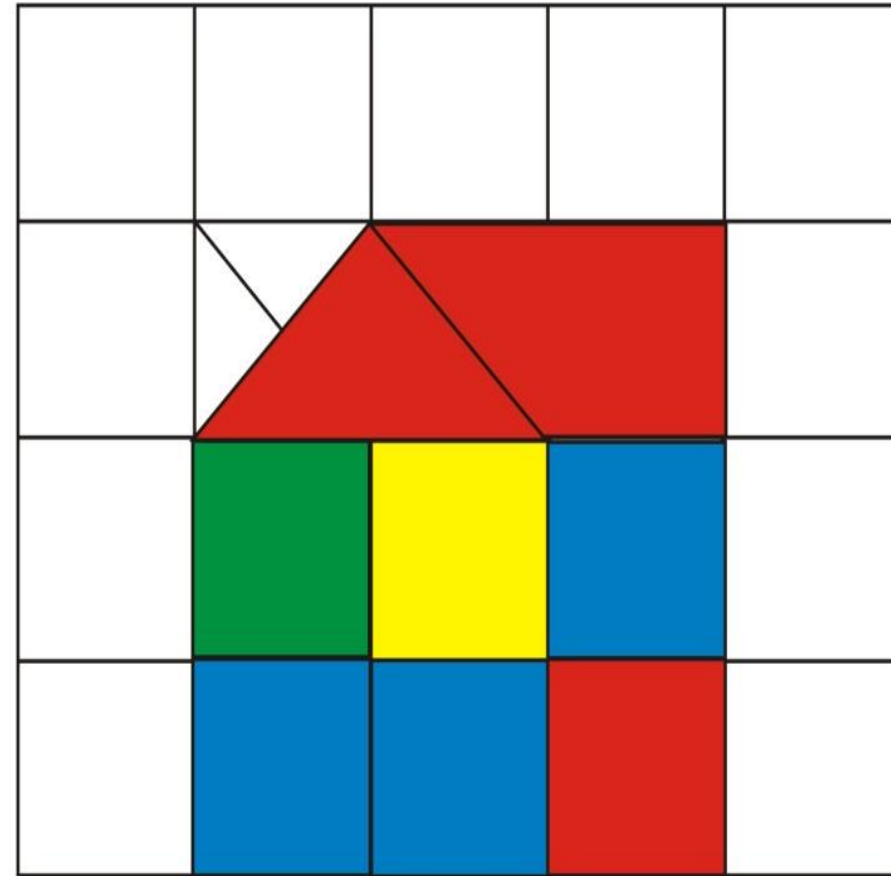
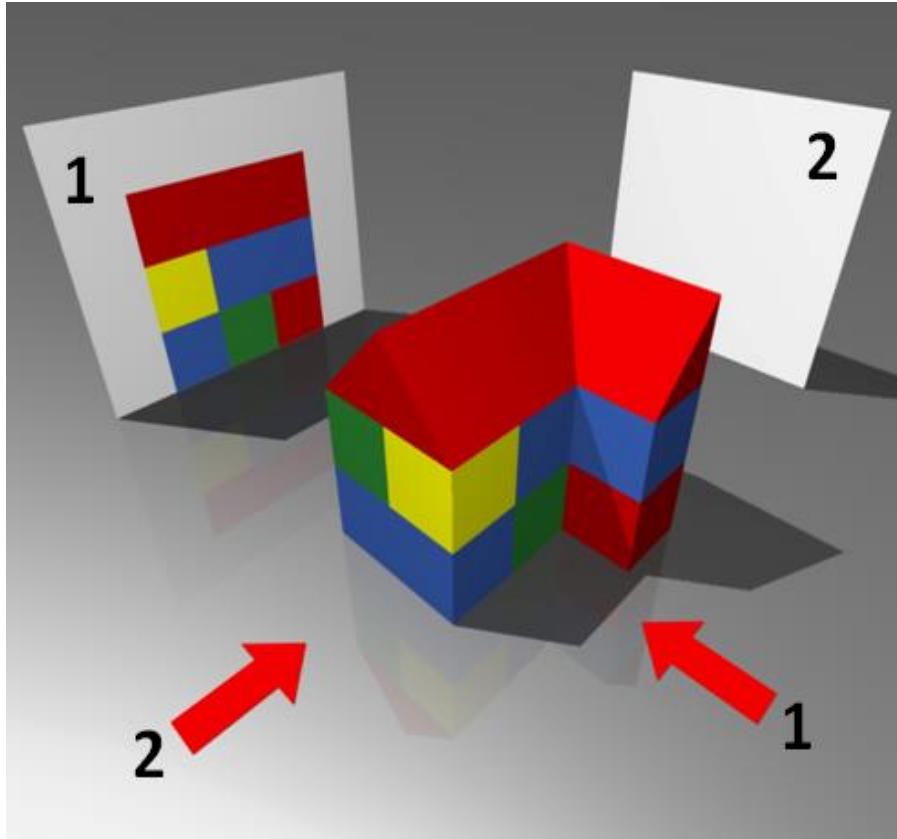
# Orientation in the environment 2: skill components



**Skills involved:** rotating the floor plan on the screen in different directions (a software option) facilitates the solution of the task.

**Connection with CEFR-VL:** visual perception, imagination, spatial skills, interpretation of signs and symbols, correlation of lifelike and abstract representations.

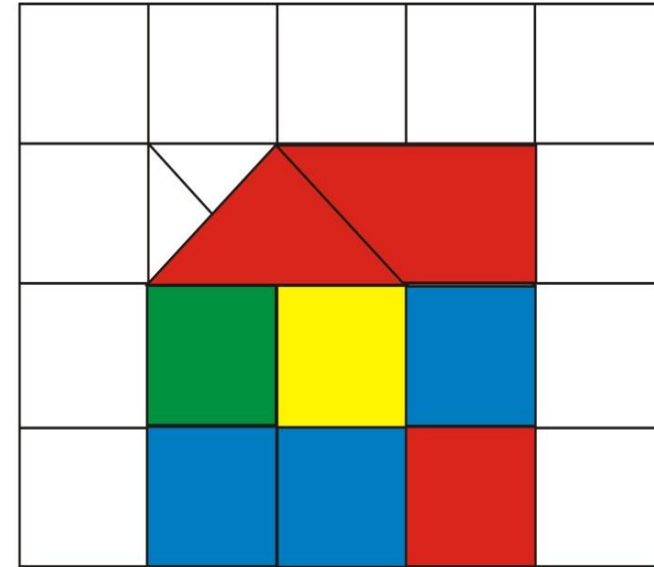
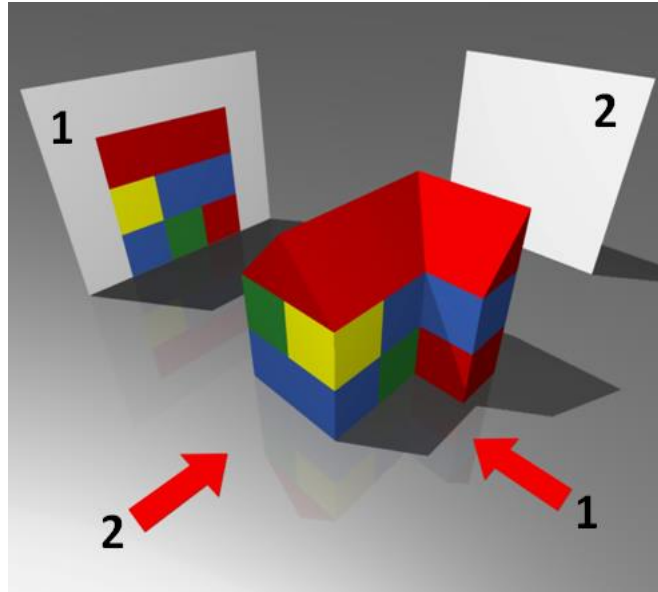
# Spatial skills – Identify perspective 1



I constructed a shape and I drew it as if I **were standing on Point 1**.

Imagine that **you are standing on Point 2**. What does the shape look like from that direction? **Colour the parts of the grid** the same way as they appear on the picture.

# Spatial skills – Identify perspective 1



**Skills involved:** imagination of objects from different angles.

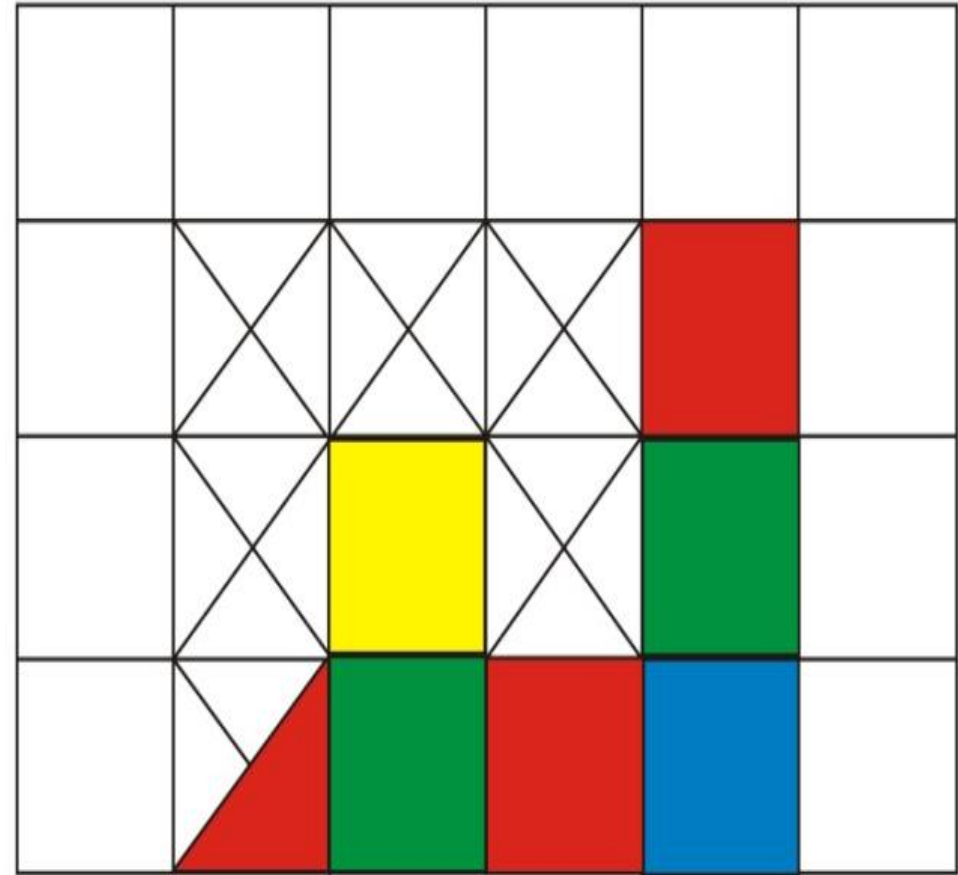
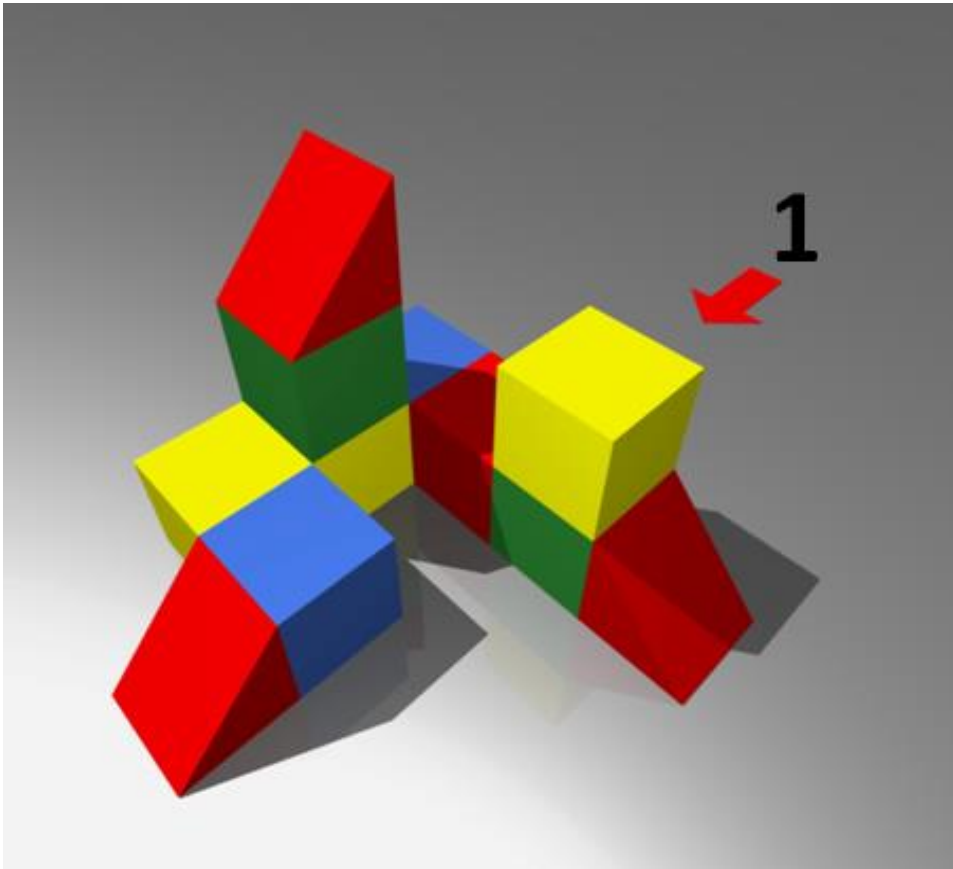
Mental representation of viewpoints, different from one's own and their integration.

Modality change between 2D and 3D representations.

**Connections with CEFR-VL:** imagination, mental representation and manipulation of images, modality change



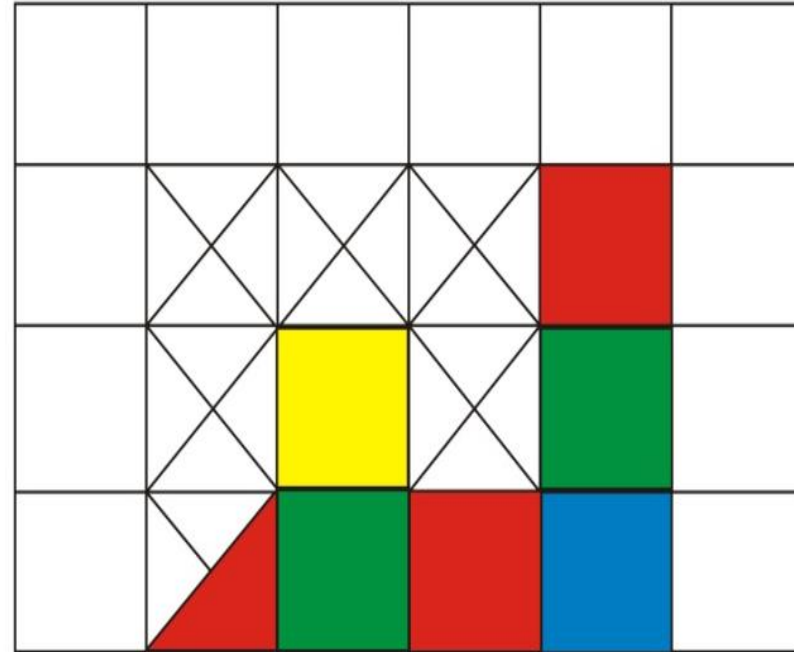
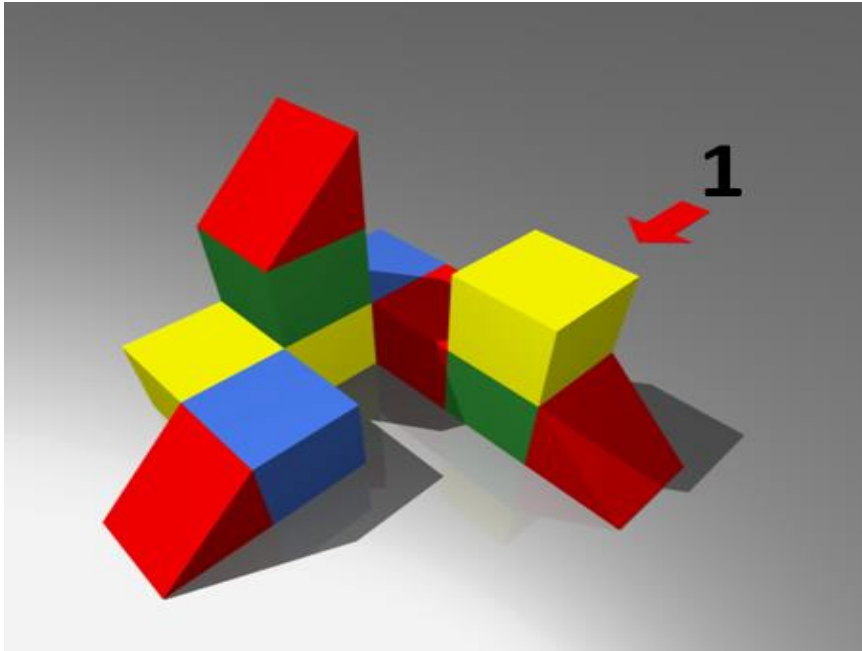
## Spatial skills – Identify perspective 2



I constructed a shape. Imagine that **you are standing on Point 1**.  
What does the shape look like from that direction?

**Colour the parts of the grid** the same way as they appear on the picture.

# Spatial skills – Identify perspective 2



**Skills involved:** imagination of objects from different angles.

Mental representation of viewpoints, different from one's own and their integration.

Modality change between 2D and 3D representations.

**Connections with CEFR-VL:** imagination, mental representation and manipulation of images, modality change

**Modality change:** What is the meaning of the three images together? Choose from the alternatives!

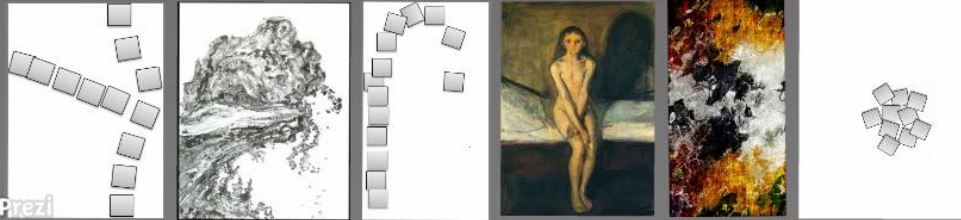
1. Wind
2. Music
3. Forest
4. Flute
5. Song



## Words and images I.

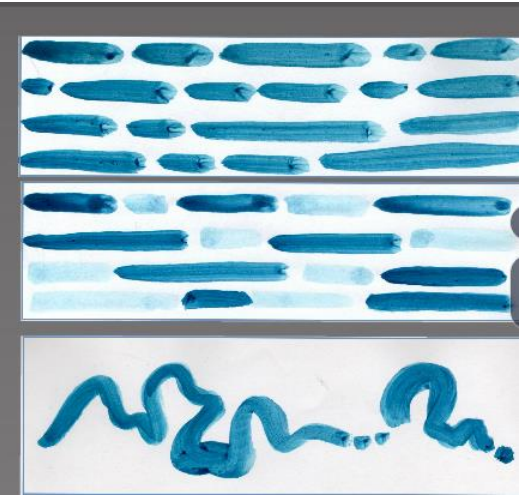
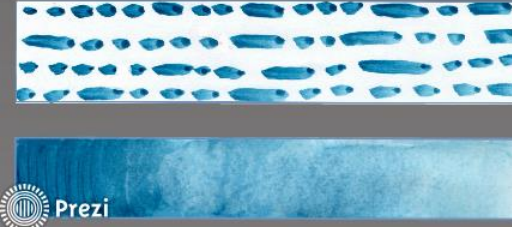
Which pictures belong to the following words?

Tumble, conflict, fear



## Music and images

The images and the rhythm are pairs.  
Listen to the rhythms and match the sounds to the pictures!



## Words and images II.

Match the words to the drawings! Which word hasn't got a pair?

hard, hug, impact, rocking, wet, squeeze, soft, rise



Modality Change 2



Képméltatás



Jean Dubuffet: Önarckép

## Art appreciation: Style match



1



2



3

**Which of the three artists created this self portrait?**

Work below their photos help you find the right answer!



A



B



C

# Art appreciation: style match and visual memory



D



E



F

Which of these works was done by Artist 2 of the previous picture?

Easy to share **reliable**  
**assessment tasks** and  
offer immediate feedback

**Thousands of artworks**  
can be accessed

**Creative** tasks will be  
developed making use of  
sound, image, video and  
animation



Online testing of visual communication skills:  
**Electronic Diagnostic Assessment System (eDIA)**  
Szeged University, Research Group on  
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