

Rebeca Ienciu

"Bambi" Kindergarten Cluj-Napoca, Romania





The bees learned about the Sun and the planets that revolve around it and make up the solar system. The sun is a star, an extremely hot and luminous ball of gas. It gives light and heat to the planets in the solar system. The children made a sun from colored paper and rays from crepe paper.

They had the patience to build a sun out of dominoes. With a stick they drew a sun in the corn. They really liked the movement game: jumping from circle to circle.

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Kids love fun math so they counted the dots on the sun's rays. They enjoyed the light box activity where they had to arrange the planets in the correct order according to their proximity to the sun. Shadows and lights fascinated everyone.

# DERYA DOGAN

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### GABRIELA BLOVSKÁ

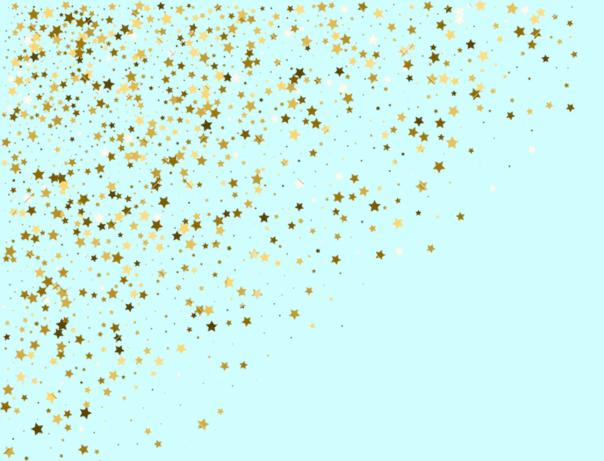
### GABRIELA BLOVSKA

### TAJANA PAVKOVIĆ KINDERGARTEN VARAŽDIN, CROATIA



A STAR IS A
CELESTIAL BODY
THAT CAN BE SEEN
IN THE SKY AS A
BRIGHT POINT. OUR
BRIGHTEST STAR IS
THE SUN AND IT IS
BELIEVED THAT
THERE ARE 70
TRILLION STARS IN
OUR UNIVERSE.

THE STUDY OF THE CONSTELLATIONS
PARTICULARLY INTERESTED THE CHILDREN.
THEY NOTICE THE DIFFERENCE IN THEIR SIZES,
COLORS AND SHINE. CHILDREN GAIN NEW
KNOWLEDGE AND SUPPLEMENT EXISTING
KNOWLEDGE. THEY OBSERVE A SET OF STARS
THAT GIVE CERTAIN GEOMETRIC SHAPES, AND
PROMPTED BY THEIR CURIOSITY, THE CHILDREN
WANT TO CREATE THEIR OWN CONSTELLATIONS.















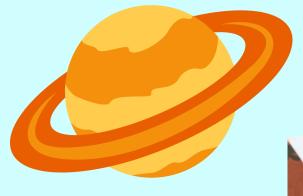
### SATURN - RING





### SATURN - RING

#### MARIA TERESA PERROTTA

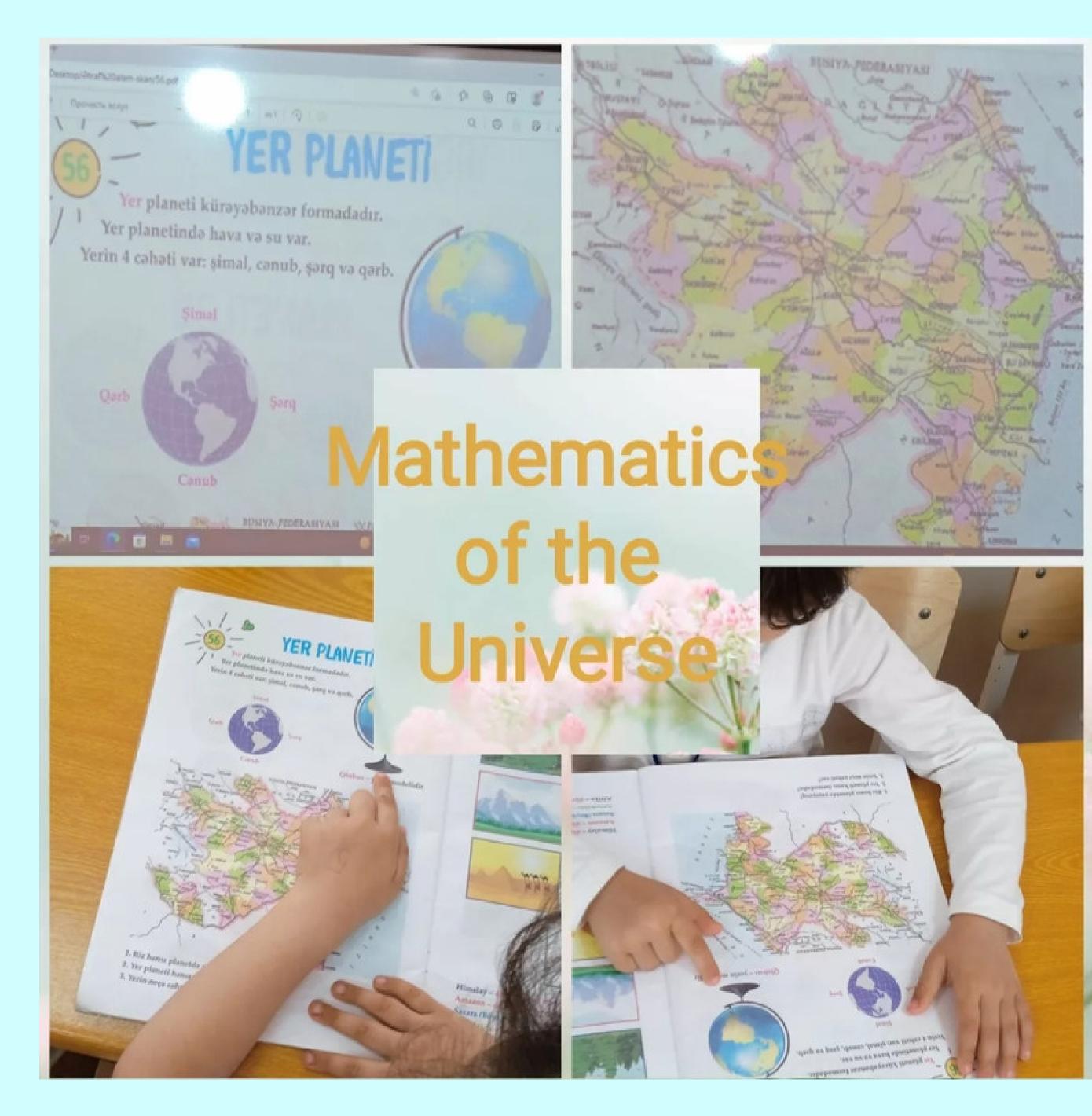






### SATURN - RING

# Ayten Balazairova -Azerbaijan, school 101



We discussed with my students that the space figure of the earth is a sphere.

### RAINBOW- HALF CIRCLE

# HATICE BAYRAKCI

### RAINBOW-HALF CIRCLE

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### RAINBOW- HALF CIRCLE

AYTEN BALAZAİROVA -AZERBAİJAN, SCHOOL 101



WE CREATED BY CUTTING CIRCLES, SYMMETRICALLY DIVIDING THEM IN THE MIDDLE AND COUNTING THE COLORS OF THE RAINBOW.

### RAINBOW- HALF CIRCLE

### UMMUHAN ERYIGIT SERTKAYA

### ÜMMÜHAN ERYİĞİT SERTKAYA

MOUNTAINS ARE HIGH-LYING PARTS OF LAND. THEY ARE FORMED AS A RESULT OF CRCGENIC NOVENENTS OR AS LARESULT OF VOLCANIC PROCESSES. THE MOUNTAINS INCLUDE CONVEX AND CONCAVE FORMS. THE FIRALAVAS, AND TIES 

JUSTYNA ZAMOJSKA, WARSAW POLAND



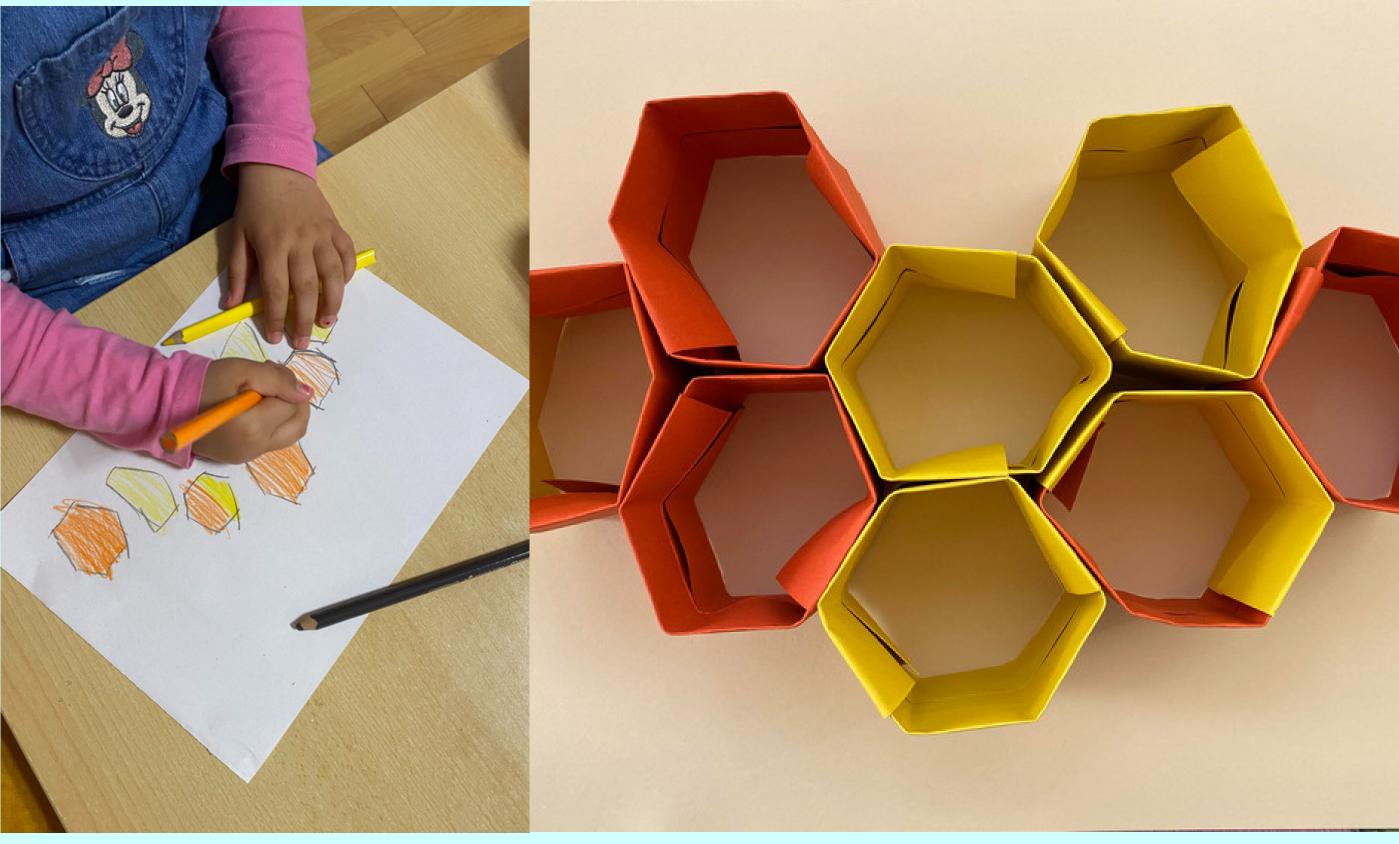




# JUSTYNA ZAMOJSKA, WARSAW POLAND

#### BEE - HEXAGONAL

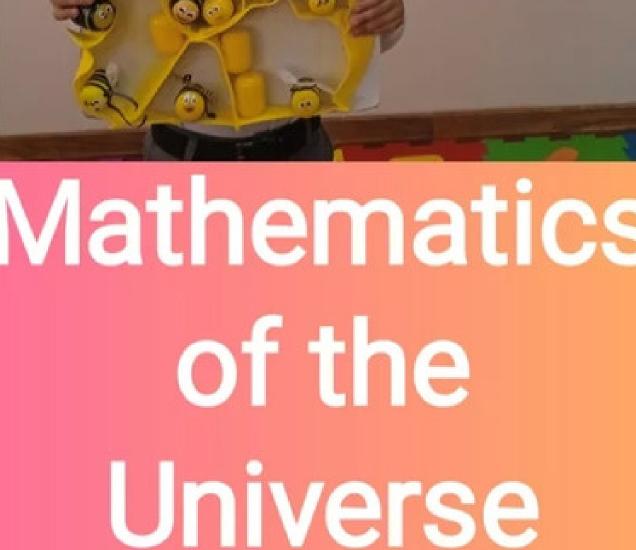




### DOBRILA RADEKA KINDERGARTEN ŽUTO PAČE ZADAR, CROATIA

### BEE - HEXAGONAL AYTEN BALAZAİROVA -AZERBAIJAN, SCHOOL 101









WE CREATED A BEEHIVE FROM FABRIC BY CUTTING HEXAGONAL SHAPES. WE CONNECTED THEM WITH THE LENGTHS OF THE SIDES.

### BEE - HEXAGONAL

### BEE - HEXAGONAL

#### SPIDER WEB - PENTAGON

KADRIYE YILDIZ
ZÜBEYDE HANIM KINDERGARTEN



ŞAŞIRTICI ÖRÜMCEK AĞLARI HIKAYESI OKUNDU.
BEŞGEN ŞEKLINDE ÖRÜMCEK AĞI VE ÖRÜMCEK SANAT ETKINLIĞI YAPTIK.
OYUN HAMURU VE KÜRDAN ILE BEŞGEN ŞEKILLERI YAPTIK.
THE AMAZING SPIDER WEBS STORY READ.
WE MADE A SPIDER WEB AND SPIDER ART ACTIVITY IN THE SHAPE OF A PENTAGON.
WE MADE PENTAGON SHAPES WITH PLAY DOUGH AND TOOTHPICKS



## KADRIYE YILDIZ

#### SPIDER WEB - PENTAGON



# KADRIYE YILDIZ

### SPIDER WEB - PENTAGON

#### SPIDER WEB - PENTAGON

# CANSU GÜR CKUR

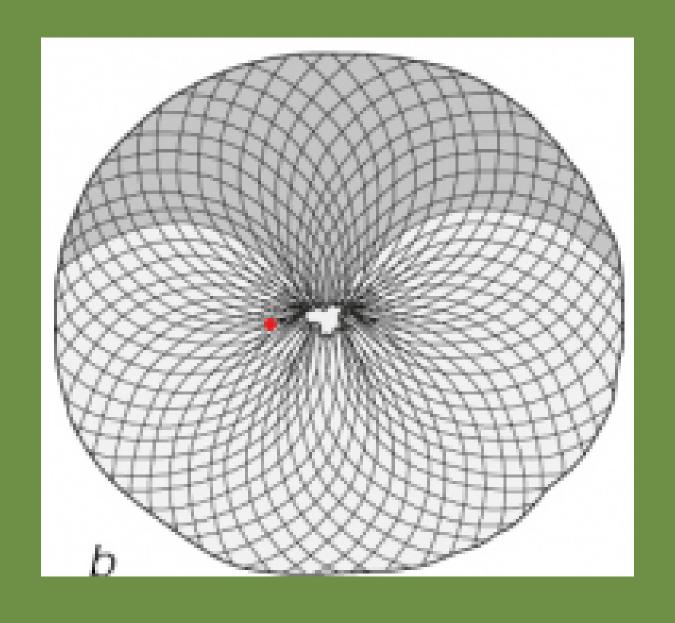
# CANSU GÜR CKUR

#### PINECONE-SPIRAL

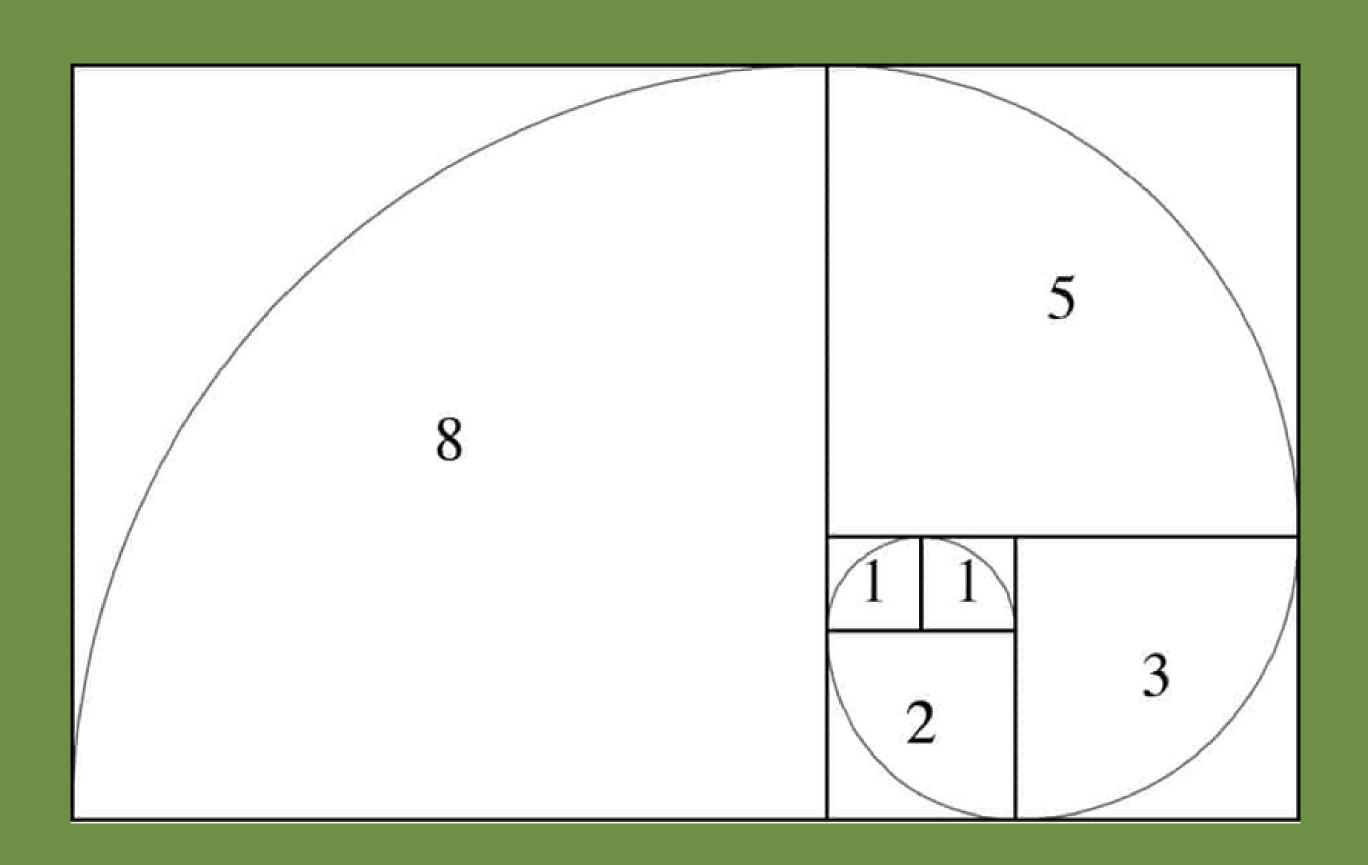
# WHAT DO PINE CONES AND MATHEMATICS HAVE IN COMMON?



KAUNAS KINDERGARTEN "ŠILINUKAS"/LITHUANIA/ JOLANTA SNITKĖ



### PRECONE-SPRAL



## THE LOGARITHMIC SPIRAL WAS DISCOVERED IN 1638 BY R. DESCARTES

KAUNAS KINDERGARTEN "ŠILINUKAS"/LITHUANIA/



#### PINECONE- SPIRAL



KAUNAS KINDERGARTEN "ŠILINUKAS"/LITHUANIA/

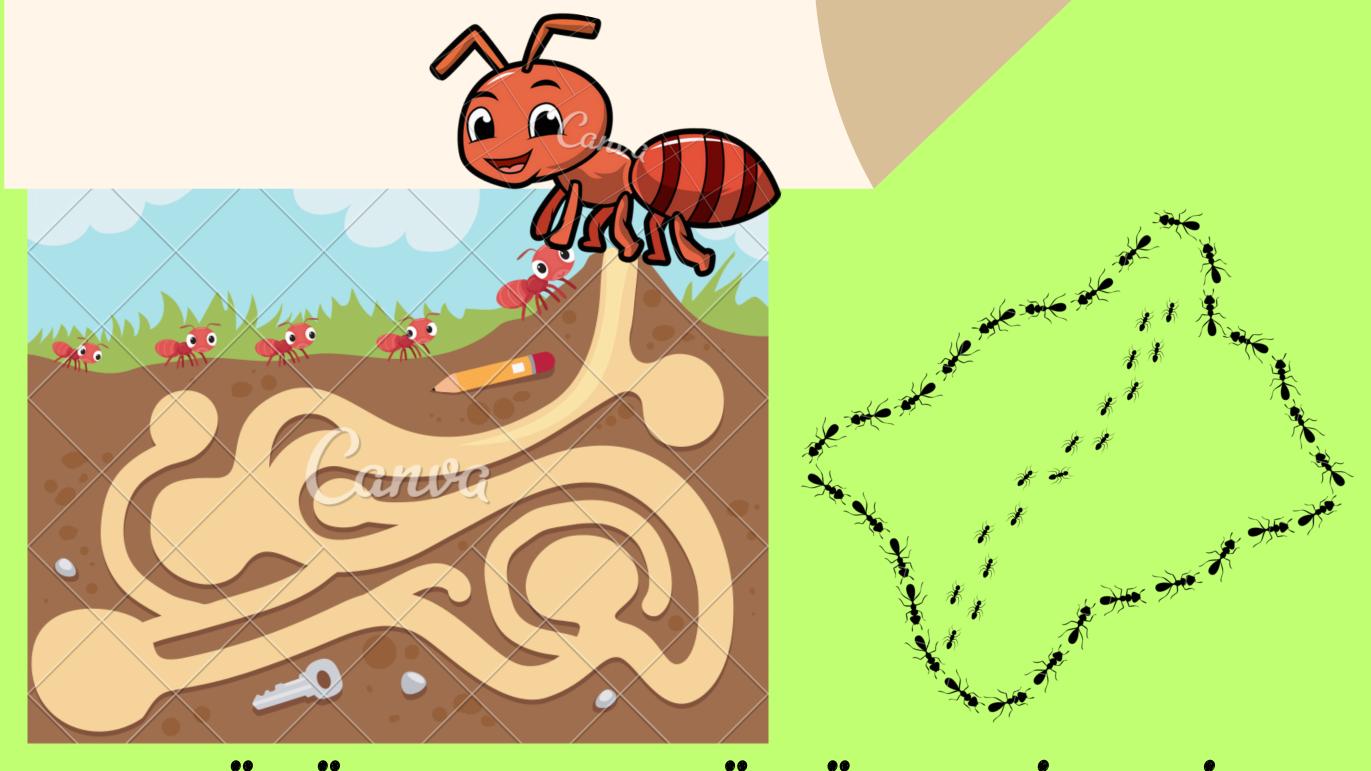


### PRECONE-SPRAL

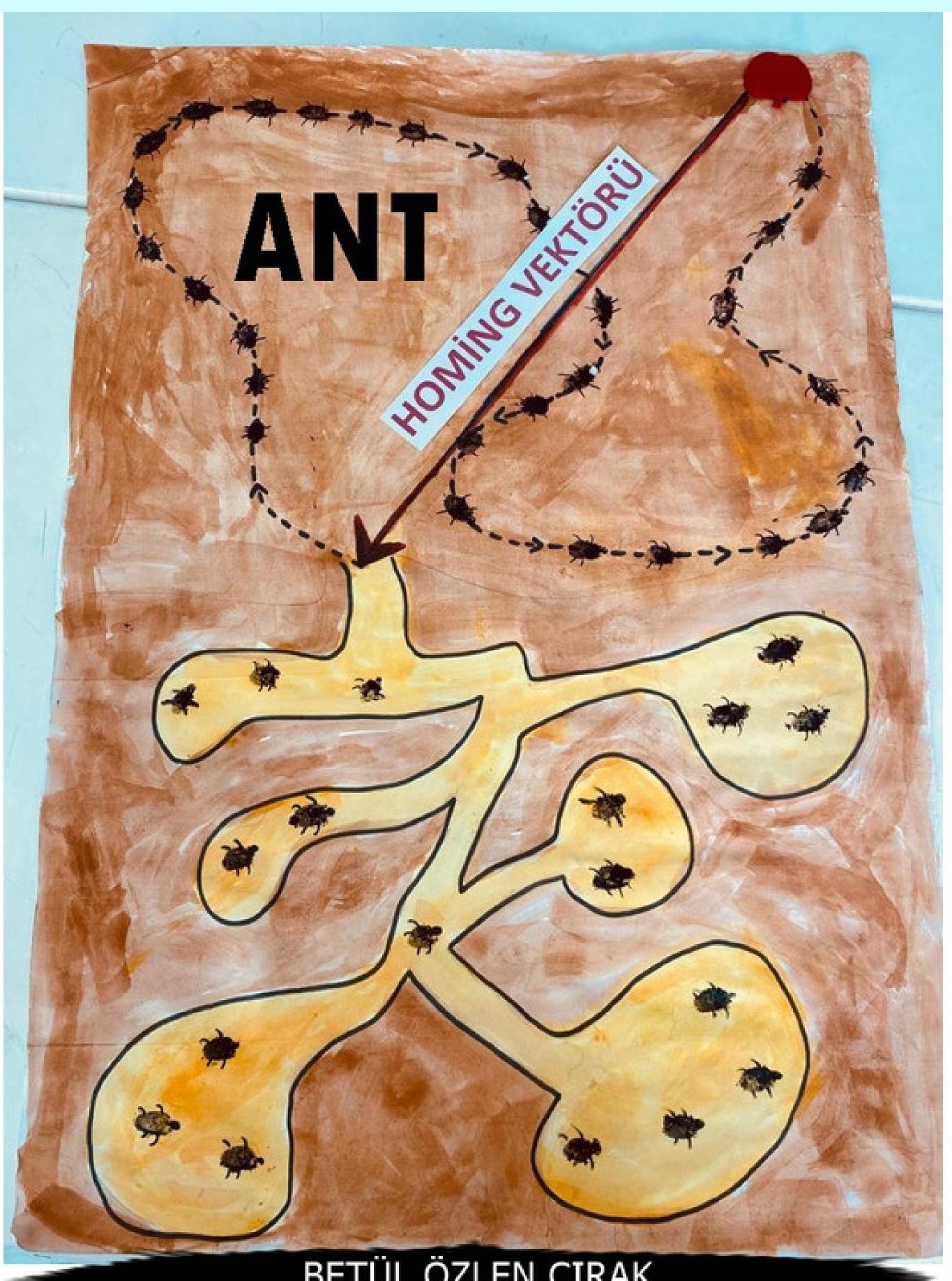


KAUNAS KINDERGARTEN "ŠILINUKAS"/LITHUANIA/

Saharan desert ants use the path integration system to find direction. In this system, the ant calculates its distance to the nest by using the sum of its walking and turning movements after leaving the nest. Divides the distance to the anthill into small parts; each segment carries the appropriate vector of direction and distance. The sum of these vectors yields the 'homing' vector, which gives the distance and direction of the slot.



BETÜL ÖZLEN ÇIRAK GÜNLÜKBAŞI İBRAHİM GÜL KINDERGARDEN FETHİYE



BETÜL ÖZLEN ÇIRAK GÜNLÜKBAŞI İBRAHİM GÜL KINDERGARDEN FETHYE

#### ŞEYMA YURTTUTAN

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# FUNDA GUNDEN

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Snail shelks follow the logaritmic spiral- the golden ratio- whose growth factor is pi.



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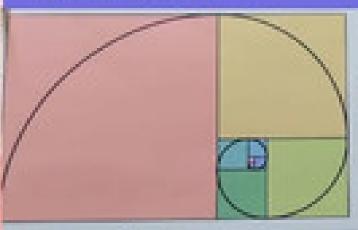


Mariana Chis, Voinicelul

MARIANA CHIS

#### Sman Guiuen Ratio

#### Mariana Chiş, Voinicelul Kindergarten, România.







#### Care sunt moluștele gastere

Cele care au o cochilie în formă de spi timpul evoluției speciei, au un corp asin marine cât și varietăți terestre, cum sunt terestre au un picior musculos care le pe cochiliei atunci când sunt în interiorul



se ces mai mare sembraci existenti pi posse age plati la 18 m langiese s grantates de 2 t . Are 10 tacule, il su acetapi langiin timp ce crielalte dottà mult mai langi. Teliepte in mileile sie ciette ape ant calde.



#### COOKLE - NAUTLUL

For o molusch marini con etilepe in Oceanal Pacific pi in cel Indian. Gochilia lai poste misura pinù la 28 cm in diametra, ise interioral este din sidef. Gochilia este impirpità in camere, ise molusca trilippe in ultima distre ele, care este cea mai spojenti.











MARIANA CHIS

Stone is formed by crushing (shredding) rocks. It can be caused by erosion, naturally due to the influence of: rain, wind, frost, tides, earthquakes, floods and other meteorological phenomena.

Today, stone can also be obtained artificially: by cutting with various saws, crushing with explosives or grinding, crushing and in other ways. Stone has been used in construction since ancient times, as a building material for the construction of houses, auxiliary buildings, bridges and roads. There are different sizes and shapes. It is often used for decoration.

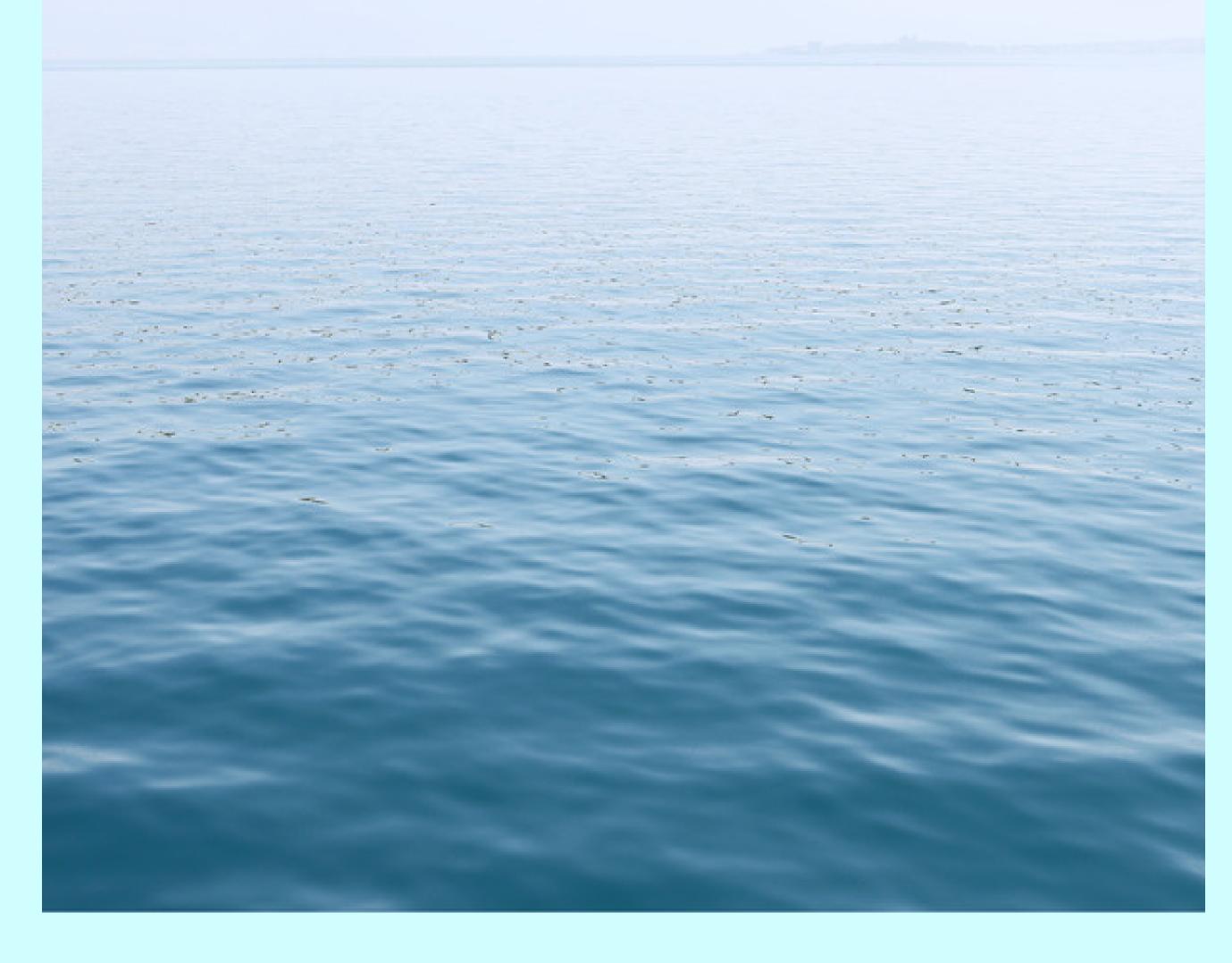


TANJA SADİKİ SABO KİNDERGAREN KOLİBRİ



TANJA SADİKİ SABO
KİNDERGARTEN KOLİBRİ
SUBOTİCA, SERBIA

THE WORLD SEA MAP SHOWS THAT 70% OF THE WORLD IS COVERED WITH WATER. SINCE A LARGE PART OF THE PLANET IS COVERED WITH WATER, IT IS POSSIBLE TO EXAMINE MANY MARINE IDENTITIES ON THE WORLD'S SEAS AND OCEANS MAP.



BÜŞRA ÖZKAN-LAMİA DAYANÇ PRESCHOOL-ESKİŞEHİR-TÜRKİYE















#### BÜŞRA ÖZKAN-LAMİA DAYANÇ PRESCHOOL-ESKİŞEHİR-TÜRKİYE