

EUROPHOTOMATH 2020, 1º Premio_

Blackbirds

EARM

The following photograph illustrates the mathematical process of problem solving, which is portrayed through the changing sizes of the diamond shapes in the fascinating architecture.

How, may you think?

The diamond shapes start off with a big size at the base, which could be interpreted as a mathematical problem that a mathematician needs to break down in order to solve, and the problem starts off big.

And then, the diamonds begin to shrink in size as the artwork increases in height, which represents the process of solving an equation or a problem, and the smaller the diamonds get, the closer the answer.

But as the diamonds get smaller, they blast into an opening. The opening represents the success in solving a mathematical problem and the sense of relief that is gained from the process.

The blackbirds at the tip represent freedom, and as the photograph captures the moment of a blackbird flying high, it could represent the next steps of solving new problems, which could be really applied to our daily lives.

Our lives are full of problem solving, and every day we solve a problem, we learn how to solve the next one, and the next one.





EUROPHOTOMATH 2020, 2º Premio_

La Reflexión Continua

ES Alicante

Tome esta foto en una escapada al museo Caixa Forum de Madrid. Podemos observar como las líneas rectas forman figuras de gran complejidad que pueden llegar a dar la sensación de líneas curvas. Una continuidad reflexiva

EUROPHOTOMATH 2020, 3º Premio_

Foto2G

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Clearly a parabolic function was the foundation for the architects to construct that building, and due to its shape, much light shines in the rooms, while the area the house is built on is used efficiently..





EUROPHOTOMATH 2020, 4º Premio_

Despair

ES Bruselas IV

This image is rich in geometrical shapes which puts in valor a side of the modern society we live in. There are only squares and rectangles present. The shadows play an important role as they put everything in the perspective of a sunny day. The left sides of the buildings are highlighted. Because of all the geometrical shapes in this image, it's tricky image to stare at as you don't know where you stand in relation to this building.

EUROPHOTOMATH 2020, 5º Premio_

A Reflective Stream

ES Bruselas IV

This beautiful abstract form is composed of a thick steel string holding a multitude of mirrors. The steel string gives the impression of a ceaseless line of little rectangles. The small mirrors reflect the light in a colourful way, this is due to the mathematical process of light refraction. In addition, the twirling of this line creates angle-less and non-quadrilateral forms that appear almost fluid.

