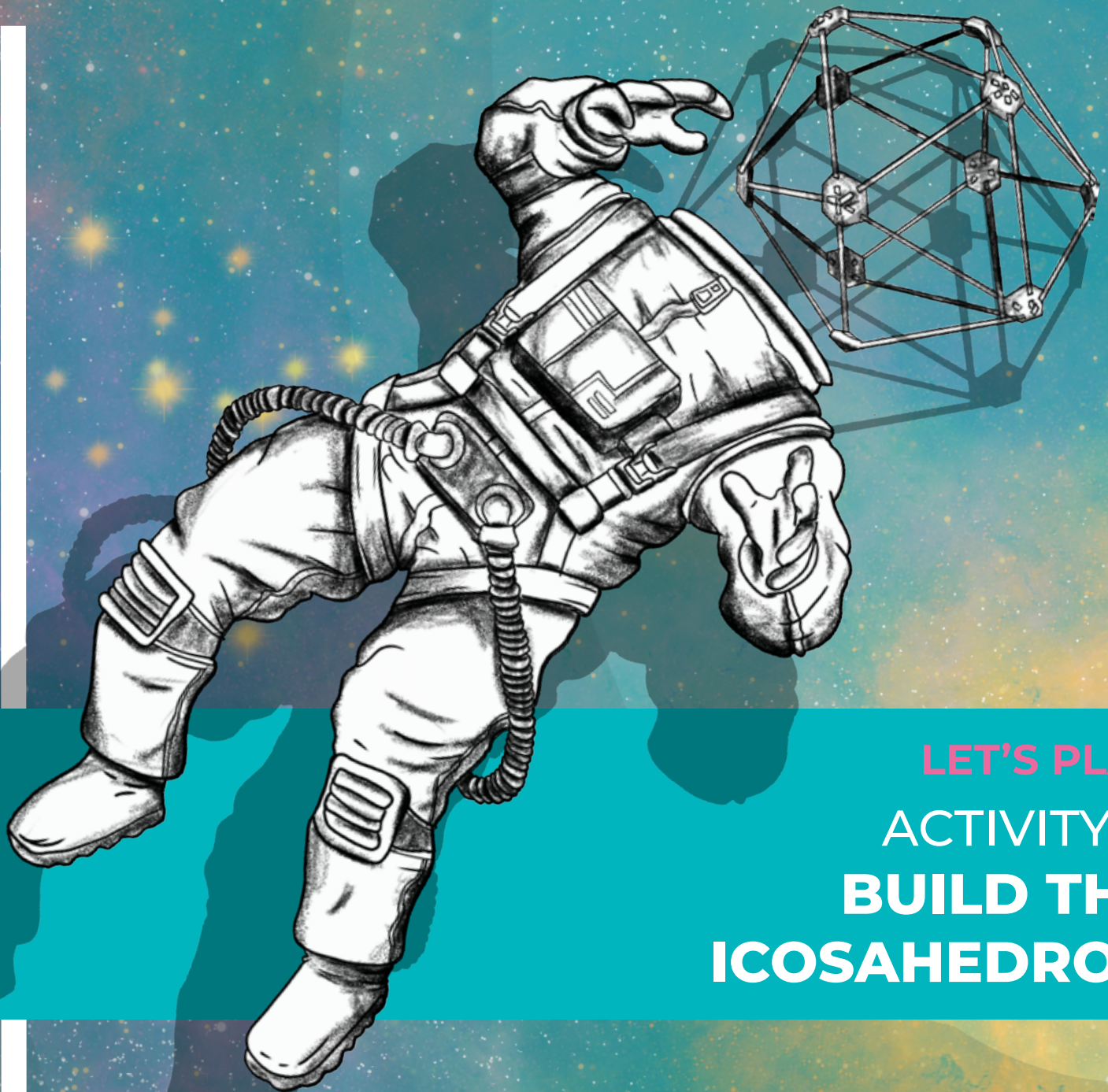


ALQUIMÉTRICOS

DO IT YOURSELF
BUILDING BLOCK TOYS



LET'S PLAY
ACTIVITY 5:
**BUILD THE
ICOSAHEDRON**

#DIY #STEAM #BUILDINGBLOCKS
#OPEN-SOURCE #OER #CREATIVECOMMONS

ICOSAHEDRON

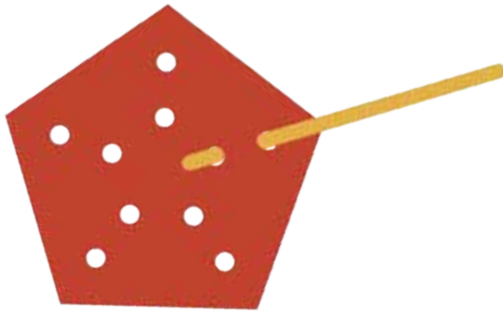
The most complex platonic solid counts 30 edges, 12 vertices and 20 faces. Having so many components, it resembles a “ball” or sphere. In fact, it is usually used as a starting point for geodesic domes, a kind of innovative architecture structure with a characteristic round shape. They were developed by the genius Buckminster Fuller during the early XX century.

YOU WILL NEED

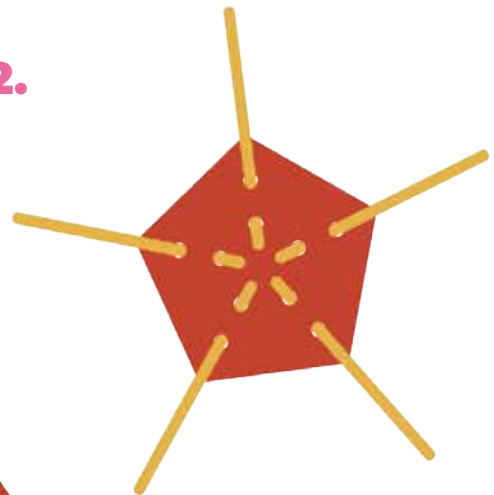
- 12 pentagonal connectors
- 30 beams
- 60 elastic bands

STEP BY STEP

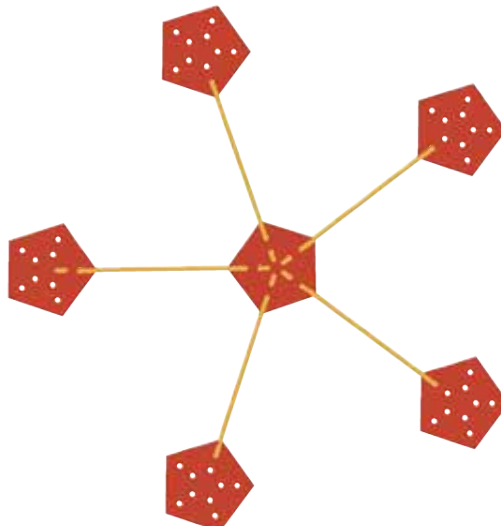
1.



2.



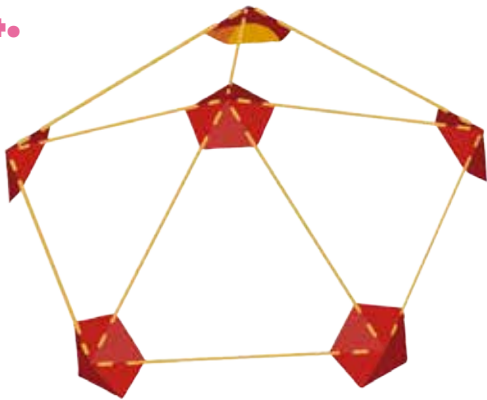
3.



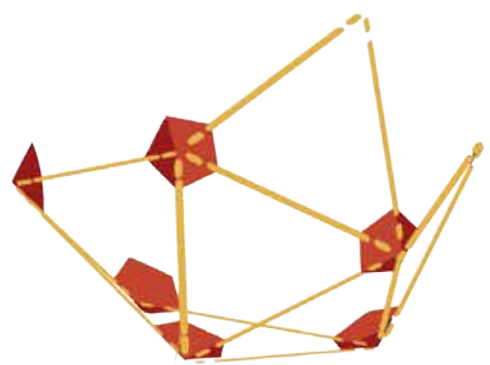
ICOSAHDEDRON

STEP BY STEP (CONT.)

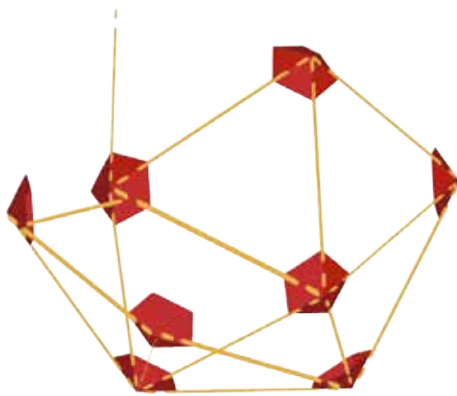
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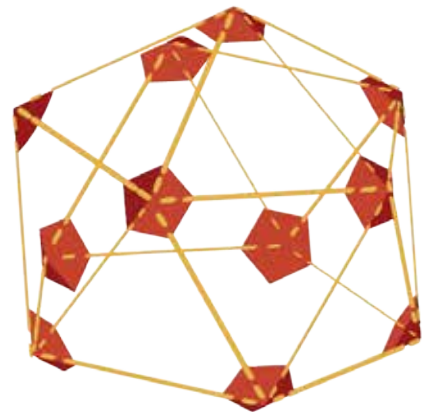
5.



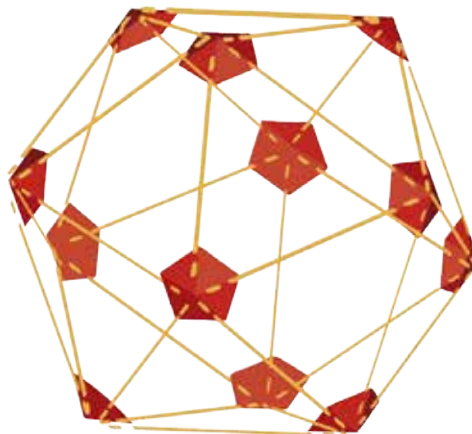
6.



7.



8.



YOU ARE DONE!



SCAN ME



Alquimétricos was founded in 2015 by Fernando Daguanño and soon after it became an international community of makers, educators, visual artists, open-knowledge activists and communicators.

Our mission is to deliver affordable, do-it-yourself (DIY) open educational resources (OERs) focused on science, technology, engineering, arts, and math (STEAM).

Do you want to know more about us:

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JUNE/2020

