

# Papercraft Scutoid Quartet

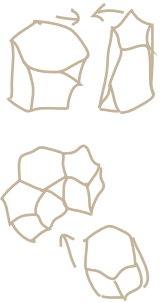
1. Use two copies of this page.

2. Cut out both nets on each page, for four total scutoids

3. Crease on all the lines

4. tape each one together, starting here

5. All four scutoids scoot together!



Scutoids were named in 2018 when these shapes were found by computational biologists seeking to understand what shapes cells can make.

Scutoid-shaped cells can be found in your own body, and in many living things!

When folding and taping the scutoids, you'll notice something is different from when making a paper polyhedron.

Some of the faces curve! The paper bows in or out.

That's because scutoids are not polyhedra! Luckily with paper we can approximate the curves that cell walls actually take when squished together.

it's easiest to start taping from this part

Notice that scutoids are like prisms, but with different shapes on top and bottom. These ones have hexagons and pentagons.