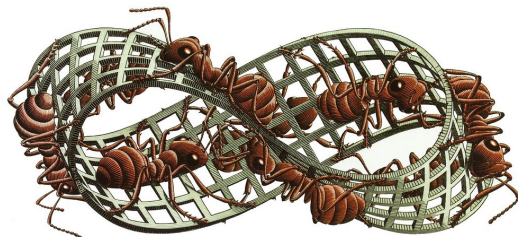


M.C. Escher: Master of Möbius

M.C. Escher (Netherlands, 1898 - 1972) was a remarkable graphic artist who widely employed mathematical principles in his work. Escher is perhaps best known for his geometric artwork that plays with the viewer's perception of the world, at times creating paradoxical outcomes and realms with distorted physical processes. One major recurring mathematical theme in Escher's work is the Möbius strip.



1 Cut the border from the LEFT side of the newsletter (two rows of ants).

Holding the two ends, rotate one end 1/2 turn and then tape it to the other end.

You now have a Möbius strip!

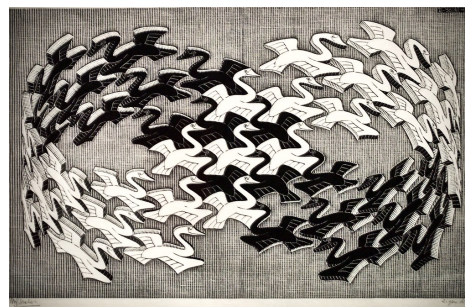
3 Now cut the border from the RIGHT side of the newsletter (three rows of ants).

Again holding the two ends, rotate one end 1/2 turn and then tape it to the other end.

What happens when you cut this Möbius strip into thirds? Bend the strip and carefully cut along the dashed line.

2 Run your finger along the entire surface of the Möbius strip. What interesting feature about the Möbius strip do you notice?

What happens when you cut the Möbius strip in half? Carefully cut along the dashed line.



Activity adapted from video, "Cutting a Möbius strip in half (and more)" found here: <https://www.youtube.com/watch?v=XIQOipIVFPk>

Welcome New Chapters!
These schools have joined CAM since our last update:

- Evangelical Christian School (Cordova, TN)
- Wellington Landings Middle School (Wellington, FL)
- Oklahoma Virtual Charter Academy (Midwest City, OK)
- Michael R. Hollis Innovation Academy (Atlanta, GA)
- Longfellow Middle School (San Antonio, TX)
- Holy Family Catholic Academy (Birmingham, AL)
- Westpine Middle School (Sunrise, FL)
- All Souls Catholic School (Sanford, FL)
- Frank C. Martin K-8 Center (Miami, FL)
- Ridgeview Middle School (Round Rock, TX)
- Mater Academy Bay Middle School (Cutler Bay, FL)
- Gulf Middle School (Cape Coral, FL)
- Westmoreland Middle School (Westmoreland, TN)
- Saint George Episcopal School (San Antonio, TX)



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