STEP 1: Non-living synthesis of simple organic molecules

Put both hands into the air, fingers extended. Pull fingers in towards palms. Repeat 4 times.

*Fingers are atoms. When you pull them together, it represents the atoms coming together to form a simple organic molecule.*
STEP 2: Polymerization

Hit sides of fists together. Repeat 4 times.

*Fists are the simple organic molecules created in step 1. The fists coming together represents the simple organic molecules coming together to form larger biological polymers.*
STEP 3: Self Replicating Molecule

The fists remain together, and “hop” forward 4 times (think like a bunny hop).

The joined fists are a biological polymer (RNA) that is capable of making copies of itself.
STEP 4: Enveloping

Clench one fist, and wrap your other hand over it. Switch hands and repeat for a total of 4 times.

*The fist is a biological polymer (RNA) that is getting covered (enveloped) by a membrane.*