

ACE Family Makerspace Pop-up Card Template:

- 1) Started with rough student designs for a pop-open card mechanisms.
- 2) Found a similar mechanism online.
- 3) Laser cut and studied design.
- 4) Simplified the design.
- 5) Provide students with the simplified design.
- 6) Students study the pop-open mechanism.
- 7) Students produce a custom card for their novel based on the mechanism.



A student prototyped popup mechanism.



The more detailed design found online cut on the laser from a single sheet of construction paper.











