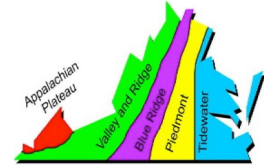# Virginia's Regions

Context: This is a 4th grade STEM activity for Social Studies. We study each of the 5 regions; the type of land, the products and industries in each region. Students will review/research a region and its' products and industries.

Skills Needed: Ability to use scissors, crayons, markers, and brads. Students also need to understand and apply the concept of pop-ups.

Goals of Activity: To create a pop up that is an accurate representation of one of the regions of Virginia. It must include the type of land, products and industries found in that region.

Literature: Their textbook and class notes may be used to research the region.

Time Frame: Three 30 minute class periods to complete.

Group Size: Individual project

Materials: Construction paper, tag paper, craft sticks, yarn, miscellaneous material, and any other materials the students want to use that the teacher approves.

Tools: Scissors, tape, hole punch, brads, crayons, markers, stapler, Crop-O-Dile,

Safety Measures: Review use of safety procedures for provided materials

Classroom Set-Up: Materials and tools needed will be on the back counter for all to access. Students will work at their desk, on the floor, or at the back table. Teacher will assist students as they work.

QUICK VIEW

Grade: 4

Time: Three 30 minute sessions

Group: Individual

Safety: Review skills for materials provided

Goals:

- Critical thinking skills
- Research skills
- Problem solving skills
- Social Science- Geography
- Science – force, energy, motion

Standards: Virginia SOL

Social Science: VS.2

Science: 4.2

Standards for Technological Literacy

STL2,   STL17

Virginia's Regions

Background: You know all the regions of Virginia and you need to teach another student/child about one of the regions.

Challenge: Your challenge is to design and create a pop up that represents one region of Virginia. It must include the name of the region, the type of land, at least three products and all the major industries of the region. It must contain at least one moving part. Your design must be neat and creative. Your will present your pop up to the class.

Criteria:

- Label the Region accurately and large enough to be seen
- Land features accurately depicted on the pop up
- Products accurately depicted
- Industries accurately depicted
- One moveable part
- Neat and creative

Materials:

Construction paper, tag paper, craft sticks, yarn, brads, miscellaneous material, and any other materials the students want to use that the teacher approves.

Tools:

Scissors, tape, hole punch, crayons, markers, stapler, Crop-O-Dile,

STL Standard 2   Systems have parts or components that work together to
        accomplish a goal
STL Standard 17   Information is data that has been organized
SOL Social Science   The Physical Geography of Virginia
SOL Science   Force, Motion, Energy

Created by Elizabeth McGonegal
4th grade Design Brief
Greenville Elementary

Portfolio for: Regions of Virginia

Name: _____   **Date:** _____

I. What is the problem?
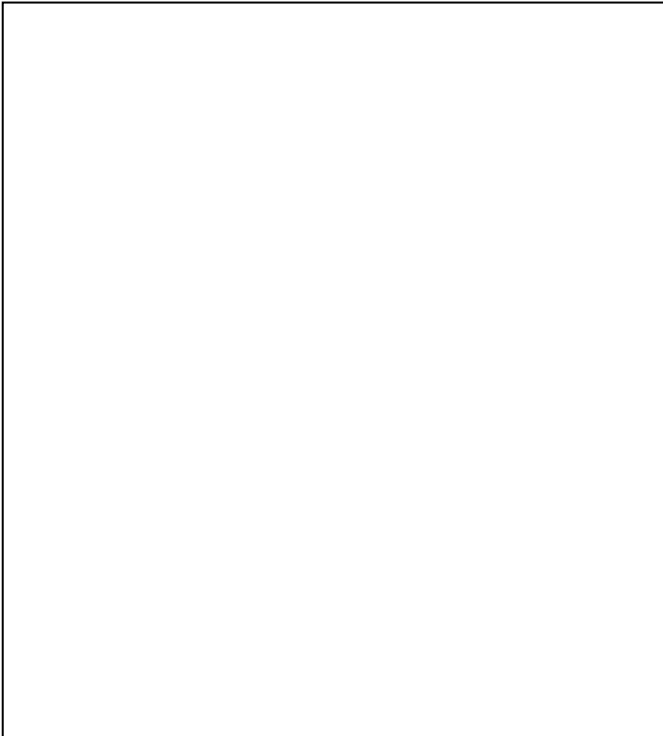**State the problem in your own words.**

_____

_____

_____

_____

_____

2. Brainstorm solutions.
Sketch or describe possible ideas and solutions.

3. **Build your pop up.**

4. **What is your moveable part?**

_____

_____

_____

_____

5. **Notes for progress**

	YES	NO
Label the region accurately		
All Land features accurately show		
Movable Part work appropriately		
At least three products		
All major industries shown		
Neat and Creative		

6. **What issues did you come across while making your pop up and how did you solve them?**

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Name: _____   Date:_____

Rubric for: Region Pop up Card

Criteria Assessed	Beginner	Apprentice	Master	Expert
Portfolio				
Completion	3 or more incomplete sections, lacking detail	No more than 2 sections incomplete, lacking some detail	All sections complete	All sections complete and creative
Bottle Buddy				
Label	Did not label the region	The label is inaccurate, small and/or difficult to see.	The label is accurately displayed and large enough to be seen	The label is accurately displayed, large enough to be seen, and creative
Land Features	Did not include any land features	Included only one or two land features accurately	Included all land features accurately	Included all land features accurately and creatively designed
Moveable Part	Did not include a moveable part	Moveable part included, but did not function properly	Moveable part included and functioning	Moveable part included, functioning, and creatively designed
Products	Did not include any products	Included only one or two products	Included more than 3 products	Included more than 3 products and creatively designed
Industries	Did not include any industries	Included only one or 2 industries	Included at least 3 industries	Included at least three industries and creatively designed
Creativity	Lacking in creativity and little effort shown	Shows some creativity but lacks neatness	Shows creativity and neatness	Shows a higher level of creativity and neatness