

CEDAR, Inc.

FUTURE of WORK in APPALACHIA

**STUDENT FAIR PROGRAM
ENTRY REQUIREMENTS**

1. Must be a student in a private or public school system located in one of the following counties:

Breathitt	Floyd	Harlan	Johnson
Knott	Lawrence	Leslie	Letcher
Magoffin	Martin	Perry	Pike
2. Social and/or Economic Development in Eastern Kentucky must be the theme or focus of the project and must connect to one or more of the Seven Pillars of the SOAR (*Shaping our Appalachian Region*) Blueprint, as listed below. A brief description of each Pillar is attached, and includes examples of possible topics.
3. Individual Students/Teams are allowed to enter one (1) category only.
4. Team participation is permitted; however, a team can consist of no more than five students: a “team captain” and up to four “team members”. If a team is the recipient of a prize, the award will go to the team captain who will be responsible for sharing it with the team members.
5. Each entrant is responsible for the delivery and set-up of the project at the Regional Fair; however, Fair personnel will assist in setting up.
6. If a project is chosen to represent the school, the school’s Fair Coordinator will provide the student with detailed information for entering and submitting the project for participation in the Regional *Future of Work in Appalachia* Student Fair. Once submitted, it will be considered an official Regional Fair Entry and will not be allowed to be altered thereafter.

SEVEN PILLARS of SOAR BLUEPRINT

(SEE ATTACHED FOR BRIEF DESCRIPTION AND TOPIC EXAMPLES FOR EACH OF THE FOLLOWING)

1. BROADBAND
2. 21st CENTURY WORKFORCE
3. ENTREPRENEURSHIP IN THE DIGITAL ECONOMY
4. HEALTHY COMMUNITIES
5. INDUSTRIAL DEVELOPMENT
6. REGIONAL FOOD SYSTEMS
7. TOURISM and DOWNTOWN REVITALIZATION

CEDAR, Inc.
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STUDENT FAIR PROGRAM
SUGGESTED TOPICS
(by SOAR PILLAR)
2020-2021

Following is a brief description of the Seven Pillars of the SOAR (*Shaping our Appalachian Region*) Blueprint. *FWA* Fair projects must connect to one or more of these pillars. ***Examples of possible topics are in italics, but you can also choose a topic of your own as long as it connects to at least one of the Seven Pillars of the SOAR Blueprint.*** To learn more about the SOAR Initiative, please visit www.soar-ky.org.

1. BROADBAND - Increase the availability of affordable high-speed broadband, through fiber, to businesses and residents; and increase adoption rates throughout the SOAR region: ***1) On-Line Business; 2) Website Design; 3) Technology's role in conducting business, past and present.***

2. 21st CENTURY WORKFORCE - Develop our regional workforce to be competitive in the digital economy and other emerging industries: ***1) Career exploration relative to various community jobs and needs; 2) Jobs and careers involved with the economic development process; 3) Various types of jobs created by economic development projects.***

3. ENTREPRENEURSHIP IN THE DIGITAL ECONOMY - To create more and expand existing small businesses within the region by taking full advantage of the digital economy: ***1) What is an Entrepreneur; 2) Traits of an Entrepreneur; 3) Entrepreneurship Types – a) Innovation Driven Enterprise; b) Small and Medium Enterprise; 4) Identify local Entrepreneurs; 5) Economics; 6) Marketing; 7) Profits/Loss; 8) Small Business/Start Ups; 9) Create a “Class Business”; 10) Prototypes; 11) Explore brownfields/greyfields/greenfields/previously mined sites, as possible sites for new business location; 12) Develop new use for coal.***

4. HEALTHY COMMUNITIES - To reduce the physical and economic impact of obesity, diabetes, and substance use disorder: ***1) Create an App that promotes healthy living; 2) Educational program; 3) Medical innovations.***

5. INDUSTRIAL DEVELOPMENT - Increase the amount of industrial employment which includes manufacturing, natural resources, processing, and distribution by expanding existing companies and attracting new ones: ***1) Products & Services; 2) Budgeting & Finance; 3) Differences between Needs & Wants; 4) Relationship between Supply & Demand; 5) How to recruit business; 6) How to retain business; 7) Create a future city showing a well balanced offering of businesses meeting the community wants/needs; 8) Coal Camps – revitalize, repurpose, restore.***

6. REGIONAL FOOD SYSTEMS - Create a local foods movement by connecting local producers to markets for their products both within and outside the region: ***1) How to grow plants through traditional methods (School Gardening); 2) Vermiculture – Worm Farming; 3) Composting; 4) Seed Production; 5) Soil quality; 6) Mushroom farming; 7) Pollinators; 8) Aquaponics, hydroponics, aquaculture; 9) Herbs; 10) Fruit orchards; 11) Vineyards; 12) Where does our food come from.***

7. TOURISM and DOWNTOWN REVITALIZATION - Establish Kentucky's Appalachian region as a tourism destination: ***1) Adventure tourism; Cultural appropriation vs. cultural appreciation – a) Food; b) Coal; c) Quilting; d) Folk Art; e) Music; f) Stories.***

STUDENT FAIR AWARDS PROGRAM

1. JUDGING WILL BE DIVIDED INTO THREE GRADE LEVELS:
KINDERGARTEN - FOURTH GRADES
FIFTH - EIGHTH GRADES
NINTH - TWELFTH GRADES

2. JUDGING WILL BE PERFORMED IN EACH OF THE FOLLOWING SEVEN ENTRY CATEGORIES:
SCIENCE
MATH
ENGLISH/LITERATURE
ART
MUSIC
TECHNOLOGY/MULTIMEDIA
SOCIAL STUDIES

3. EACH GRADE LEVEL WILL HAVE A FIRST, SECOND, AND THIRD PLACE WINNER IN EACH OF THE SEVEN CATEGORIES.

4. EACH WINNER WILL RECEIVE A CASH AWARD BASED ON THE AVERAGE PERCENT OF TOTAL POINTS EARNED VERSUS TOTAL POINTS POSSIBLE ON THE CURRENT SCORING SYSTEM. AWARDS WILL BE BASED ON THE FOLLOWING:

FIRST PLACE:	\$1.00 per point
SECOND PLACE:	\$0.75 per point
THIRD PLACE:	\$0.50 per point

5. ALL FIRST-PLACE CATEGORY WINNERS IN EACH OF THE THREE GRADE LEVELS WILL BE GROUPED TOGETHER AND JUDGED TO DETERMINE THE OVERALL FIRST, SECOND, AND THIRD PLACE WINNERS FOR EACH OF THE THREE GRADE LEVELS.

6. PRIZES FOR OVERALL GRADE-LEVEL WINNERS WILL BE BASED ON THE AVERAGE PERCENT OF TOTAL POINTS EARNED VERSUS TOTAL POINTS POSSIBLE ON THE CURRENT SCORING SYSTEM:

FIRST PLACE:	\$3.00 per point
SECOND PLACE:	\$2.00 per point
THIRD PLACE:	\$1.00 per point

7. A GRAND PRIZE, AWARDED TO THE STUDENT HAVING THE SINGLE BEST PROJECT IN THE REGIONAL FWA STUDENT FAIR, WILL BE A **\$1,000 CASH AWARD**.

IF THE GRAND PRIZE IS AWARDED TO A TEAM, THE \$1,000 CASH AWARD WILL BE IN THE NAME OF THE TEAM CAPTAIN WHO WILL BE RESPONSIBLE FOR DIVIDING IT WITH THE TEAM MEMBERS.

GUIDELINES FOR SOCIAL STUDIES PROJECTS

Social Studies includes a variety of disciplines such as anthropology, economics, geography, history, political science, and sociology. Any of the above areas, or in combination with each other, would be suitable for a social or economic development-related project.

1. Social Studies projects can take a variety of forms such as, but not limited to:
 - Research papers with visuals (e.g., pictures, graphs, artifacts, charts, recordings, videos, collections)
 - Scale models/replications
 - Create a documentary about one or more local entrepreneurs and how their vision changed the region
 - Debate between two people or groups arguing different issues
 - Research a local historical event or place and how it might be marketed as a tourist attraction
 - Create a future city showing a well-balanced offering of businesses meeting community wants/needs
 - Create maps or globes
 - Write a script for a podcast of an historical event, contemporary issue, or future (anticipated) topic
 - Conduct a panel discussion with students assuming different roles
 - Oral history
 - Conduct interviews and create a summary of a particular issue
 - Trace the coal industry's role in the social or economic development of our region
 - Select a social or economic development topic and create a Big Book

2. Students should produce and submit a digital presentation of the project on video file, image file, audio file and/or PDF document.

Length of Entry: Video or Audio Production

	<u>K-4</u>	<u>5-8</u>	<u>9-12</u>
Maximum	5 Minutes	8 Minutes	10 Minutes

3. Each Social Studies project must include a **written description or explanation.**

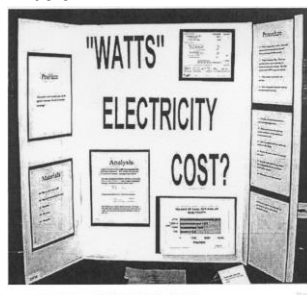
Double-spaced on 8½" x 11" paper

Length Requirements:	<u>K-4</u>	<u>5-8</u>	<u>9-12</u>
	1-3 pages	2-4 pages	3-5 pages

The description will identify the specific area(s) of social studies being addressed through the project and explain how the social or economic development topic and social studies area(s) fit together. (e.g., *My topic is the coal industry's role in spurring economic development in my area, and I have compiled several interviews into an oral history.*) The written description should be submitted in a clear-front presentation folder.

4. Specifications for Project Components:

- **If a model is part of the project, it cannot exceed 36" in any direction, including the base.**
- **CEDAR will require a freestanding, three-sided display that is no larger than 30" deep, 48" wide, and 48" high.** Display boards may be purchased from a local educational or office supply store. The display may also be constructed out of plywood or fiberboard hinged together or may be constructed from folded, corrugated cardboard or reinforced poster board. An example is shown below:



NOTE: The information should be neatly printed or typed on paper. Construction paper may be used as backing for the information.

**Projects that do not meet all guideline limitations will not be considered for the awards program.
(Guideline limitations are shown in bold print.)**

SOCIAL STUDIES

SCORING SHEET

PROJECT NO.

	<u>Points Available</u>	<u>Points Awarded</u>
SOCIAL SCIENCE CONCEPTS	30	_____
Investigates an area of social science Each aspect of project supports the theme Research is relevant and reliable Analysis is accurate Age/grade level appropriate		
RELEVANCE TO INNOVATION AND SOCIAL AND/OR ECONOMIC DEVELOPMENT	20	_____
ABSTRACT	25	_____
Shows depth of understanding Specific area of social studies is stated; conclusion is reached Neat, organized and grammatically correct Appropriate form used Completion of adequate research		
DISPLAY	25	_____
Relevant to theme Self-explanatory Shows creativity and professionalism Data arranged coherently Originality of social studies investigation		
TOTAL POINTS AWARDED		_____

NOTES:
