



**2015-2016 FAIRCHILD CHALLENGE  
HS Challenge 1: "Your Brain on Nature"**



**Maximum points for challenge: 150 (75 points per entry)**

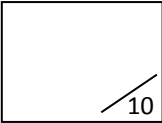
**PANEL DATE:** \_\_\_\_\_, CSL Classroom

**SPECIFIC REQUIREMENTS:** Essay should be one to two pages, double-spaced, using 12-point font.

<b>Criteria</b>	<b>Max. Points</b>	<b>Judge1</b> Initials:	<b>Judge 2</b> Initials:	<b>Judge 3</b> Initials:	<b>Judge 4:</b> Initials:
<b>Theme</b>	10				
- Subjects include nature, well-being, and separation from electronics.					
<b>Writing Skills</b>	15				
- Originality and creative use of language; style - Clarity; strong opening and closing; good use of vocabulary - Proper grammar, punctuation and spelling used					
<b>Reflection</b>	20				
- Creative, honest, and unique - Goes beyond self					
<b>Research</b>	20				
- Writer used multiple, relevant sources - Research was well placed and explained clearly					
<b>TOTAL</b>	<b>65</b>				

**FOR STAFF USE ONLY:**

School:	Student(s):
<b>REQUIREMENTS</b> (10 POINTS)	
Student's name and school clearly printed on the entry.....	2 points _____
One to two pages, double-spaced, using 12-point font.....	6 points _____
On time entry submission.....	2 points _____
<b>Meets Requirements (circle one): Y / N</b>	<input type="checkbox"/>



1. **AVERAGE: JUDGES' SCORES FROM SUBTOTALS** \_\_\_\_\_
2. **TOTAL SCORE: ADD REQUIREMENTS TO AVERAGE** \_\_\_\_\_

**Award Placement: Please specify the rationale for awarding this entry.**



**2015-2016 FAIRCHILD CHALLENGE**  
**HS Challenge 2: Personal Action: "Be the Change"**



**Maximum points for challenge: 200 points (100 points per essay)**

**PANEL DATE:** \_\_\_\_\_, CSL Classroom

**SPECIFIC REQUIREMENTS:** Essay should be one page, double-spaced, using 12-point font.

<b>Criteria</b>	<b>Max. Points</b>	<b>Judge1</b> Initials:	<b>Judge 2</b> Initials:	<b>Judge 3</b> Initials:	<b>Judge 4:</b> Initials:
<b>Action</b>	25				
<ul style="list-style-type: none"> <li>- Action taken is thoughtful and relevant</li> <li>- Student displays commitment to action</li> </ul>					
<b>Research</b>	25				
<ul style="list-style-type: none"> <li>- Student researched how our lifestyles influence climate change</li> <li>- Research supported reasoning for chosen action</li> </ul>					
<b>Context</b>	25				
<ul style="list-style-type: none"> <li>- Essay discusses how the action taken affected them, their family, and the planet</li> </ul>					
<b>Writing</b>	15				
<ul style="list-style-type: none"> <li>- Originality and creative use of language; style</li> <li>- Clarity; strong opening and closing; good use of vocabulary</li> <li>- Proper grammar, punctuation and spelling used</li> </ul>					
<b>TOTAL</b>	<b>90</b>				

**FOR STAFF USE ONLY:**

School:	Student(s):
<b>REQUIREMENTS</b> (10 POINTS)	
Student's name included .....	2 points _____
One page double-spaced, using 12-point font .....	2 points _____
Submitted on time.....	2 points _____
Committed to action for 1 month.....	4 points _____
<b>Meets Requirements (circle one): Y / N</b>	<input type="checkbox"/>

10

1. **AVERAGE: JUDGES' SCORES FROM SUBTOTALS** \_\_\_\_\_
2. **TOTAL SCORE: ADD REQUIREMENTS TO AVERAGE** \_\_\_\_\_

**Award Placement: Please specify the rationale for awarding this entry.**



## 2015-2016 Global Challenge

### Visual Art: Challenge 3A: Environmental Art

Maximum points: 200 (100/comic strip)

Please initial in the space to the right and, referring to the guidelines, write your score for each category in the space provided. Write any comments in the space designated.	Judge 1 Initials:		Judge 2 Initials:		Judge 3 Initials:	
	Score	Comments	Score	Comments	Score	Comments
<b>Research/Knowledge of Subject (20 points)</b>						
<ul style="list-style-type: none"> <li>Breadth and depth of research is apparent in facts presented.</li> <li>Adequate description of the chosen species and how it has responded to environmental changes</li> </ul>	/20		/20		/20	
<b>Critical Thinking (20 points)</b>						
<ul style="list-style-type: none"> <li>Student addresses how species has responded to change and the impact this has on our understanding of our environment</li> <li>Drawings/text demonstrate critical thinking through in-depth consideration of the topic</li> </ul>	/20		/20		/20	
<b>Originality (20 points)</b>						
<ul style="list-style-type: none"> <li>Student presents facts in interesting or unexpected ways</li> <li>Student provides thought-provoking ideas</li> <li>Graphics highlight the plot</li> </ul>	/20		/20		/20	
<b>Writing Skills (20 points)</b>						
<ul style="list-style-type: none"> <li>Writing is legible</li> <li>Proper grammar, spelling and punctuation are used throughout</li> <li>Clear flow and organization to the comic</li> </ul>	/20		/20		/20	
For staff use only:						
1. Average: Judge's scores from subtotals	/80					
	<b>Subtotal</b>		<b>Subtotal</b>		<b>Subtotal</b>	

School:

Student(s):

**REQUIREMENTS**

(20 POINTS)

- Drawing/hand-rendered or computer generated 8-panel comic strip: maximum size: 8.5" x 14" .....3 points \_\_\_\_\_
- Descriptive title, student and school name clearly printed on the back of entry .....2 points \_\_\_\_\_
- Comic strip is student-created and original .....6 points \_\_\_\_\_
- Reference page with a minimum of three sources .....6 points \_\_\_\_\_
- On time entry submission (late entries may not receive points) .....3 points \_\_\_\_\_

Meets Requirements (circle one): Y / N

**Total: /20**

FOR STAFF USE ONLY:

1. AVERAGE: JUDGES' SCORES FROM SUBTOTALS \_\_\_\_\_

2. TOTAL SCORE: ADD REQUIREMENTS TO AVERAGE \_\_\_\_\_

**Total: /100**

**Award Placement: Please specify the rationale for awarding this entry.**



**2015-2016 FAIRCHILD CHALLENGE**  
**HS Challenge 3B: Visual Art: "Spring Blooms of Western Pennsylvania"**



**Maximum points for challenge: 200 points (100 per drawing)**

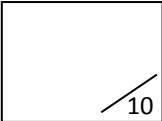
**PANEL DATE:** \_\_\_\_\_, CSL Classroom

**SPECIFIC REQUIREMENTS:**

- Artwork is in colored pencil or ink
- On a separate sheet of paper, include the scientific and common names for the featured plant(s), as well as native region of the plant(s).
- Picture size: 8 ½ " x 11" or 16" x 20"
- Name of school and student artist must be on back of drawings.

<b>Criteria</b>	<b>Max. Points</b>	<b>Judge1</b> Initials:	<b>Judge 2</b> Initials:	<b>Judge 3</b> Initials:	<b>Judge 4:</b> Initials:
<b>Theme</b>	30				
- Drawing depicts the flowering stage of a PA plant; plant stage is specific to spring					
<b>Accuracy</b>	30				
- The drawing resembles the structure, color, and details of the chosen plant(s)					
<b>Creativity</b>	30				
- Artistry, style, presentation					
<b>TOTAL</b>	<b>90</b>				

**FOR STAFF USE ONLY:**

School:	Student(s):
<b>REQUIREMENTS</b> (10 POINTS)	
Student's name school on back.....	2 points _____
Picture size: 8 1/2 " x 11" or 16" x 20".....	2 points _____
Artwork is in colored pencil or ink.....	2 points _____
Separate sheet includes:	
- scientific and common names for the featured plant(s).....	2 points _____
- native region of the plant(s).....	2 points _____
<b>Meets Requirements (circle one): Y / N</b>	<input type="checkbox"/> 

1. **AVERAGE: JUDGES' SCORES FROM SUBTOTALS** \_\_\_\_\_
2. **TOTAL SCORE: ADD REQUIREMENTS TO AVERAGE** \_\_\_\_\_

**Award Placement: Please specify the rationale for awarding this entry.**





**2015-2016 FAIRCHILD CHALLENGE**  
**HS Challenge 4: Project Design: "Green Up Your School"**



**Maximum points for challenge: 200 points (explanation, plan and visual)**

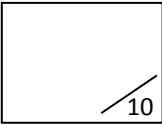
**PANEL DATE:** \_\_\_\_\_, CSL Classroom

**SPECIFIC REQUIREMENTS:**

- Write a one-page explanation
- Visual display

<b>Criteria</b>	<b>Max. Points</b>	<b>Judge1</b> Initials:	<b>Judge 2</b> Initials:	<b>Judge 3</b> Initials:	<b>Judge 4:</b> Initials:
<b>Design/Plan</b>	50				
<ul style="list-style-type: none"> <li>- Incorporates biophilic design principles</li> <li>- Responds to humans emotional connection to nature and other living organisms</li> <li>- Design reflects significant research and attention to detail</li> </ul>					
<b>Explanation</b>	50				
<ul style="list-style-type: none"> <li>- Biophilia is explained and understood</li> <li>- Design decisions are defended well with examples and research</li> <li>- Benefits of the design are clear</li> </ul>					
<b>Presentation</b>	45				
<ul style="list-style-type: none"> <li>- Visual reflects attention to detail and accuracy</li> <li>- Visual reinforces plan and gives viewer a better understanding</li> </ul>					
<b>Creativity</b>	45				
<ul style="list-style-type: none"> <li>- Unique ideas</li> <li>- Thoughtful presentation</li> <li>- Imaginative design</li> </ul>					
<b>TOTAL</b>	<b>190</b>				

**FOR STAFF USE ONLY:**

School:	Student(s):
<b>REQUIREMENTS</b> (10 POINTS)	
Students' names and school included.....	2 points _____
Submitted on time.....	3 points _____
All components included (explanation, design and plan).....	5 points _____
<b>Meets Requirements (circle one): Y / N</b>	<input type="checkbox"/> 

1. **AVERAGE: JUDGES' SCORES FROM SUBTOTALS** \_\_\_\_\_
2. **TOTAL SCORE: ADD REQUIREMENTS TO AVERAGE** \_\_\_\_\_

**Award Placement: Please specify the rationale for awarding this entry.**



**2015-2016 FAIRCHILD CHALLENGE  
HS Challenge 5: Video: "My Climate Future"**



**Maximum points for challenge: 200 points (1 video)**

**PANEL DATE:** \_\_\_\_\_, CSL Classroom

**SPECIFIC REQUIREMENTS:**

- Video can be from 1 to 3 minutes maximum
- Video should be submitted on DVD, flash drive or uploaded and accessible on YouTube

<b>Criteria</b>	<b>Max. Points</b>	<b>Judge1 Initials:</b>	<b>Judge 2 Initials:</b>	<b>Judge 3 Initials:</b>	<b>Judge 4: Initials:</b>
<b>Inspiration</b>	50				
<ul style="list-style-type: none"> <li>- Video explains the reality of climate change, but incorporates a positive message that is inspirational</li> <li>- Viewer feels a desire to respond to call for action</li> </ul>					
<b>Accuracy</b>	45				
<ul style="list-style-type: none"> <li>- Video includes accurate examples and facts</li> <li>- Call for action is realistic and relevant</li> </ul>					
<b>Video Quality</b>	45				
<ul style="list-style-type: none"> <li>- Audio and visuals are clear</li> <li>- Video was edited; technical quality is strong</li> </ul>					
<b>Presentation</b>	45				
<ul style="list-style-type: none"> <li>- Creative and original</li> <li>- Relatable and understandable</li> </ul>					
<b>TOTAL</b>	<b>185</b>				

**FOR STAFF USE ONLY:**

School:	Student(s):
<b>REQUIREMENTS</b> <span style="float: right;">(10 POINTS)</span>	
Students' names and school included.....2 points _____	
Submitted on time.....3 points _____	
Video is 1-3 minutes.....5 points _____	
Video submitted on DVD, flash drive or uploaded and accessible on YouTube.....5 points _____	
<b>Meets Requirements (circle one): Y / N</b> <input style="width: 50px; height: 40px; vertical-align: middle; margin-left: 20px;" type="checkbox"/>	

1. **AVERAGE: JUDGES' SCORES FROM SUBTOTALS** \_\_\_\_\_
2. **TOTAL SCORE: ADD REQUIREMENTS TO AVERAGE** \_\_\_\_\_

**Award Placement: Please specify the rationale for awarding this entry.**



**2015-2016 FAIRCHILD CHALLENGE**  
**HS Challenge 6: Environmental Action: Home, School, or Community**



**Maximum points for challenge:** 300 points (1 trifold or project report)

**PANEL DATE:** \_\_\_\_\_, CSL Classroom

**SPECIFIC REQUIREMENTS:**

- Please attach a list of the students and/or classes involved in the project.
- Limit report to a maximum of 5 double-sided or 10 single-sided, 8.5" x 11" pages.

<b>Criteria</b>	<b>Max. Points</b>	<b>Judge1</b> Initials:	<b>Judge 2</b> Initials:	<b>Judge 3</b> Initials:	<b>Judge 4:</b> Initials:
<b>Engagement</b>	100				
<ul style="list-style-type: none"> <li>- Depth and breadth of student involvement in school outreach is evident</li> <li>- As necessary, students engaged peers, teachers, and community members</li> <li>- Students were involved in the initiation and implementation of initiative(s)</li> <li>- Creativity in developing and applying initiative(s)</li> </ul>					
<b>Impact</b>	100				
<ul style="list-style-type: none"> <li>- Project is viable and long-lasting</li> <li>- Initiative has positive impact on target area (home, school, or community)</li> <li>- Initiative promotes environmental awareness and conservation</li> </ul>					
<b>Presentation</b>	70				
<ul style="list-style-type: none"> <li>- Results of efforts are discussed and/or analyzed</li> <li>- Essay or tri-fold reflects that the initiative is relevant to the target area</li> <li>- Process for implementing action is discussed</li> </ul>					
<b>Attention to detail</b>	20				

<ul style="list-style-type: none"> <li>- Essay or poster components incorporate originality and creative use of language; style</li> <li>- Proper grammar, punctuation and spelling used</li> </ul>					
<b>TOTAL</b>	<b>290</b>				

**FOR STAFF USE ONLY:**

School:	Student(s):
<b>REQUIREMENTS</b>	
(10 POINTS)	
Students, classes, and school name included.....	2 points _____
Submitted on time.....	3 points _____
Formatted correctly.....	5 points _____
<b>Meets Requirements (circle one): Y / N</b>	<div style="border: 1px solid black; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <span style="font-size: 2em;">/</span> </div>

1. **AVERAGE: JUDGES' SCORES FROM SUBTOTALS** \_\_\_\_\_
2. **TOTAL SCORE: ADD REQUIREMENTS TO AVERAGE** \_\_\_\_\_

**Award Placement: Please specify the rationale for awarding this entry.**