



2016-2017 FAIRCHILD CHALLENGE
MS Challenge 1: "Nature Journal"



Maximum points for challenge: 200 points (1 book with up to 20 pages)

Panel Date: _____

SPECIFIC REQUIREMENTS:

- Up to 20 plants identified (5 points each)/20 pages maximum
- Should include multiple students' work
- Cover art that is relevant to theme

Criteria	Max. Points	Judge1 Initials:	Judge 2 Initials:	Judge 3 Initials:	Judge 4: Initials:
Identification	100				
<ul style="list-style-type: none"> - Depicted plants/trees contain the correct scientific and common names. - 5 points/correct identification. 					
Research	40				
<ul style="list-style-type: none"> - Identifications include correct and relevant facts. - The identified plant/tree can be found in southwestern Pennsylvania 					
Presentation	40				
<ul style="list-style-type: none"> - Pictures or drawings of each plant/tree are clear and neat. - Book is assembled neatly and creatively. - Book contains original, relevant cover art. - Book displays effort and creativity. 					
Collaboration	10				
<ul style="list-style-type: none"> - Multiple students contributed to the book. 					
TOTAL	190				

Comments:

School:

Student(s):

REQUIREMENTS

(10 POINTS)

Student's name included on each identification.....2 points _____

On time entry submission w/ up to 20 pages max.....8 points _____

Meets Requirements (circle one): Y / N

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10

1. **AVERAGE: JUDGES' SCORES FROM SUBTOTALS** _____

2. **TOTAL SCORE: ADD REQUIREMENTS TO AVERAGE** _____

Award Placement: Please specify that rationale for awarding this entry.



**2016-2017 FAIRCHILD CHALLENGE
MS Challenge 2: "Eco App"**



Maximum points for challenge: 200 points (1 app concept and 1 advertisement)

Panel Date: _____

SPECIFIC REQUIREMENTS:

- 1 visual, 1 report, and 1 advertisement

Criteria	Max. Points	Judge1 Initials:	Judge 2 Initials:	Judge 3 Initials:	Judge 4: Initials:
Originality	40				
<ul style="list-style-type: none"> - Concept is new and original. App concept does not already exist. - Clever and relevant name. 					
Visual	50				
<ul style="list-style-type: none"> - Visual reflects a user-friendly app concept. - Visual provides details for how the app would work. - Visual is clear, neat, and creatively displayed. 					
Report	50				
<ul style="list-style-type: none"> - Report clearly explains app concept and purpose. - App concept connects people to nature, encourages healthier lifestyles, or exposes people to current environmental issues. - App is user friendly and effective. 					
Advertisement	50				
<ul style="list-style-type: none"> - Advertisement is creative - Ad clearly shows app's purpose - Ad is persuasive 					
Total	190				

Comments:

School:

Student(s):

REQUIREMENTS

(10 POINTS)

School Written on the Back of Report, Visual, and Advertisement.....5 points _____

On time entry submission.....5 points _____

Meets Requirements (circle one): Y / N

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10

1. **AVERAGE: JUDGES' SCORES FROM SUBTOTALS** _____

2. **TOTAL SCORE: ADD REQUIREMENTS TO AVERAGE** _____

Award Placement: Please specify that rationale for awarding this entry.



**2016-2017 FAIRCHILD CHALLENGE
MS Challenge 3: "Beneficial Bugs"**



Maximum points for challenge: 200 points (100/drawing)

Panel Date: _____

SPECIFIC REQUIREMENTS:

- Up to two 8.5" x 11" or 16" x 20" drawings

Criteria	Max. Points	Judge1 Initials:	Judge 2 Initials:	Judge 3 Initials:	Judge 4: Initials:
Creativity	30				
<ul style="list-style-type: none"> - Artistry, style, presentation - Beauty; draws viewer in 					
Accuracy	30				
<ul style="list-style-type: none"> - Drawing includes accurate depictions of plant and insect. - Drawing is clear and shows attention to detail. - The drawing resembles the structure, color, and details of the chosen plant(s) 					
Theme	20				
<ul style="list-style-type: none"> - The depicted plant benefits from the chosen insect. 					
Description	10				
<ul style="list-style-type: none"> - Description includes the correct scientific and common name of both the plant and the insect. - Description includes a correct summary of how the insect benefits the depicted plant. 					
Total	90				

Comments:

School:

Student(s):

REQUIREMENTS

(10 POINTS)

School and student name written on the back of each entry.....5 points _____

On time entry submission.....5 points _____

Meets Requirements (circle one): Y / N

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10

1. **AVERAGE: JUDGES' SCORES FROM SUBTOTALS** _____

2. **TOTAL SCORE: ADD REQUIREMENTS TO AVERAGE** _____

Award Placement: Please specify that rationale for awarding this entry.



**2016-2017 FAIRCHILD CHALLENGE
MS Challenge 4: "Environmental News"**



Maximum points for challenge: 200 points (100/opinion piece)

Panel Date: _____

SPECIFIC REQUIREMENTS:

- 1-2 pages, double spaced, using 12 point font

Criteria	Max. Points	Judge1 Initials:	Judge 2 Initials:	Judge 3 Initials:	Judge 4: Initials:
Writing	30				
<ul style="list-style-type: none"> - Originality and creative use of language; style - Clarity; strong opening and closing; good use of vocabulary - Proper grammar, punctuation and spelling used - Writing is persuasive and original - Facts support opinions 					
Accuracy	30				
<ul style="list-style-type: none"> - Opinion piece is factual and well researched - Multiple sources are cited - Facts are relevant to topic 					
Theme	30				
<ul style="list-style-type: none"> - The opinion piece addresses a current environmental topic in the news - Opinion piece responds to original article and shows clear understanding of topic. - Piece addresses points made in the original article. - Original article is attached. 					
Total	90				

Comments:

School:

Student(s):

REQUIREMENTS

(10 POINTS)

School and student name included on entry.....5 points _____

On time entry submission.....5 points _____

Meets Requirements (circle one): Y / N

/
10

1. **AVERAGE: JUDGES' SCORES FROM SUBTOTALS** _____

2. **TOTAL SCORE: ADD REQUIREMENTS TO AVERAGE** _____ + 5 bonus points if submitted to paper.

Award Placement: Please specify that rationale for awarding this entry.



2016-2017 FAIRCHILD CHALLENGE
Optional Challenge: Climate Change Hero

Important: Please note that points will not be awarded for this challenge. The purpose of this rubric is to help our panel determine the top entries that will go on to a public vote.

PANEL DATE: _____, CSL Classroom

SPECIFIC REQUIREMENTS:

- Video can be from 2 to 4 minutes maximum
- Video should be submitted on a thumb drive or uploaded and accessible on YouTube

Criteria	Max. Points	Judge1 Initials:	Judge 2 Initials:	Judge 3 Initials:	Judge 4: Initials:
Theme	40				
<ul style="list-style-type: none"> - Video explains the reality of climate change, but incorporates a positive message about an individual, organization, or community working to make a difference. - The "Climate Change Hero" is local and viewers are made aware of action taking place in their community. 					
Accuracy	40				
<ul style="list-style-type: none"> - Video includes accurate examples and facts - Story is true, well told, and intriguing - Information presented in video is scientifically accurate and up-to-date 					
Video Quality	20				
<ul style="list-style-type: none"> - Audio and visuals are clear - Video was edited; technical quality is strong - Creative and original - Relatable and understandable 					
TOTAL	100				



**2016-2017 FAIRCHILD CHALLENGE
MS Challenge 5: "Environmental Action"**



Maximum points for challenge: 300 points (1 trifold or 1 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.

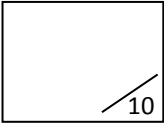
Criteria	Max. Points	Judge1 Initials:	Judge 2 Initials:	Judge 3 Initials:	Judge 4: Initials:
Engagement	100				
<ul style="list-style-type: none"> - Depth and breadth of student involvement in school outreach is apparent. - As necessary, students engaged peers, teachers, and community members - Students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

language; style - Proper grammar, punctuation and spelling used					
TOTAL	290				

Comments: _____

FOR STAFF USE ONLY:

School:	Student(s):
REQUIREMENTS	(10 POINTS)
Students, classes, and school name included.....	2 points _____
Submitted on time.....	3 points _____
Formatted correctly.....	5 points _____
Meets Requirements (circle one): Y / N	<input type="checkbox"/>



- AVERAGE: JUDGES' SCORES FROM SUBTOTALS** _____
- TOTAL SCORE: ADD REQUIREMENTS TO AVERAGE** _____

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