

# Outdoor Field Science Evaluation Plan

## 2021 Evaluation Institute

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Randall Davey  
Audubon Center  
and Sanctuary





# Santa Fe Outdoor Education Collaborative

Hands-on, nature based

Co-created with SFPS teachers spanning 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> grade life science lessons

4<sup>th</sup> Grade curricula and field trips to Randall Davey Audubon Center

Target Title 1 schools





# Our evaluation goal & question:

- Does the SFOEC program promote safety and comfort in the outdoors for the populations that we serve?

Broader question/idea:

- Does the SFOEC program increase access to the outdoors for socioeconomically and racially diverse families?







# Our proposed data collection methods:

- Pre/post student assessments
  - Written
- Student Focus group
- Coding responses

# Our evaluation timeline:

September- Try it!

October- Review data, reflect on methods

November- evaluate data collection tools, Coding

April- Try it again

May- Review data, reflect on methods

June- Share results in grant reports

## Pilot Study

- Surveyed 200 4<sup>th</sup> Grade students from Title I Santa Fe Public Schools
- Combined 3 methods: Individual reflection, Partnered Discussion, Group Share
- Method designed for 9 year olds with varying English literacy and accounting for social dynamics

### Reflection Time

#### ① Individual reflection

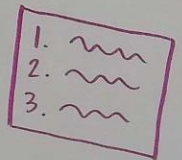
↳ You can journal and/or draw!



- How did you feel when we were outside today? Fav + least fav part of the day?
  - while observing birds?
  - while hiking?
  - while building nests?

#### ② Turn + Talk

- What are 3 words that best describe how you felt while outside today?  
Write them down!



#### ③ Group Share

- What are your 3 words + why?








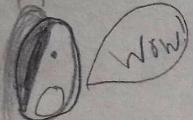


Anna Leigh

# TODAY I FELT...

1.    
Surprized by the birds

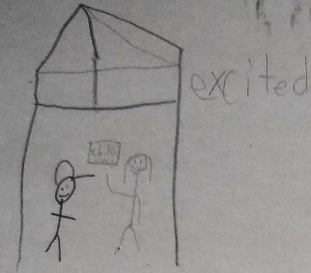
2.  happy with the birds

3.   
wowed by the birds

Surprized, happy and wowed.

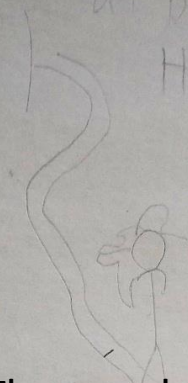
engrich

1 First we did intro



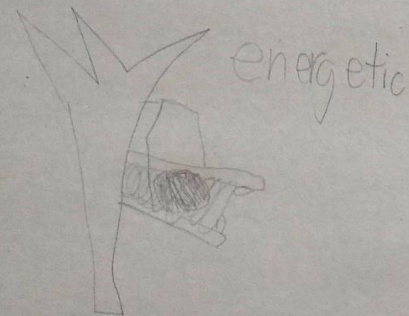
First we did intro  
excited

2 Then we looked  
at birds  
Happy



Then we looked at birds  
Happy

3 we built nests



We built nests  
energetic

4 we did Reflection  
eager



We did reflection  
eager







# Plans for our results:

- Code the data
- Include results in grant reports to funders
- Share with other SFOEC partner orgs and teachers
- Reflect as a team, and an organization about how to make the outdoors more diverse and safe
- Incorporate results into curriculum design, more longitudinal studies?
- Share the experience of evaluation with the rest of our organization in hopes of embedding it into our work more





# Questions?



Audubon

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