

# MAKING CONNECTIONS AT IPE

Irving Park Elementary  
Greensboro, NC

Led by: Tracee Weathersby  
Team Name: Energizers





# OUR GOALS

## OUR FOCUS

Our focus this year was



We used the Wind as Energy NEED powerpoint



Goal 1

To reach our peers with the energy concept of Kinetic and Potential Energy



Goal 2

To teach the kindergartners about wind energy.



Goal 3

Helping our community with Recycling



# How we built our rollecoasters

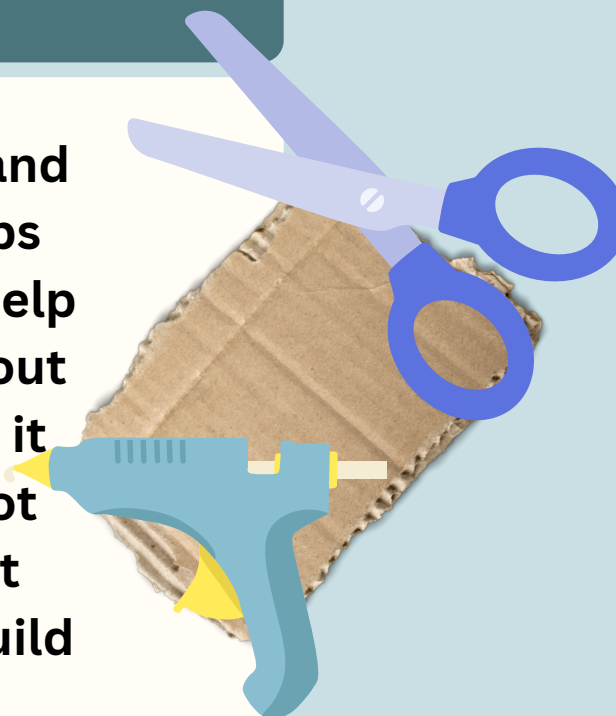


## Supplies

- Card Board
- Paper roller coaster pieces
- marbles
- Tape

## How we built them

We first started with making paper support beans and make a one at a time. Then after we made our loops and hills and we all worked as a team to build and help each other with holding things and we thought about it and at first it looked bad the we made improved it the tape wasn't holding up so we started to use hot glue we may have had ups and downs but we kept trying and with all our materials we were able to build a working roller coaster.



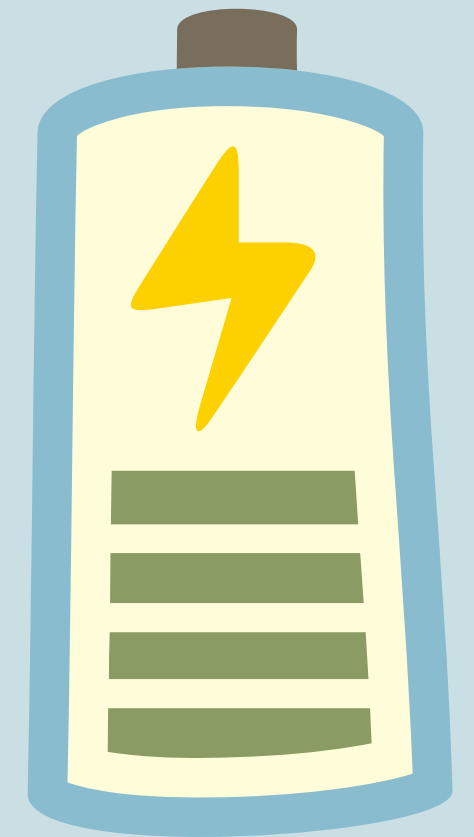
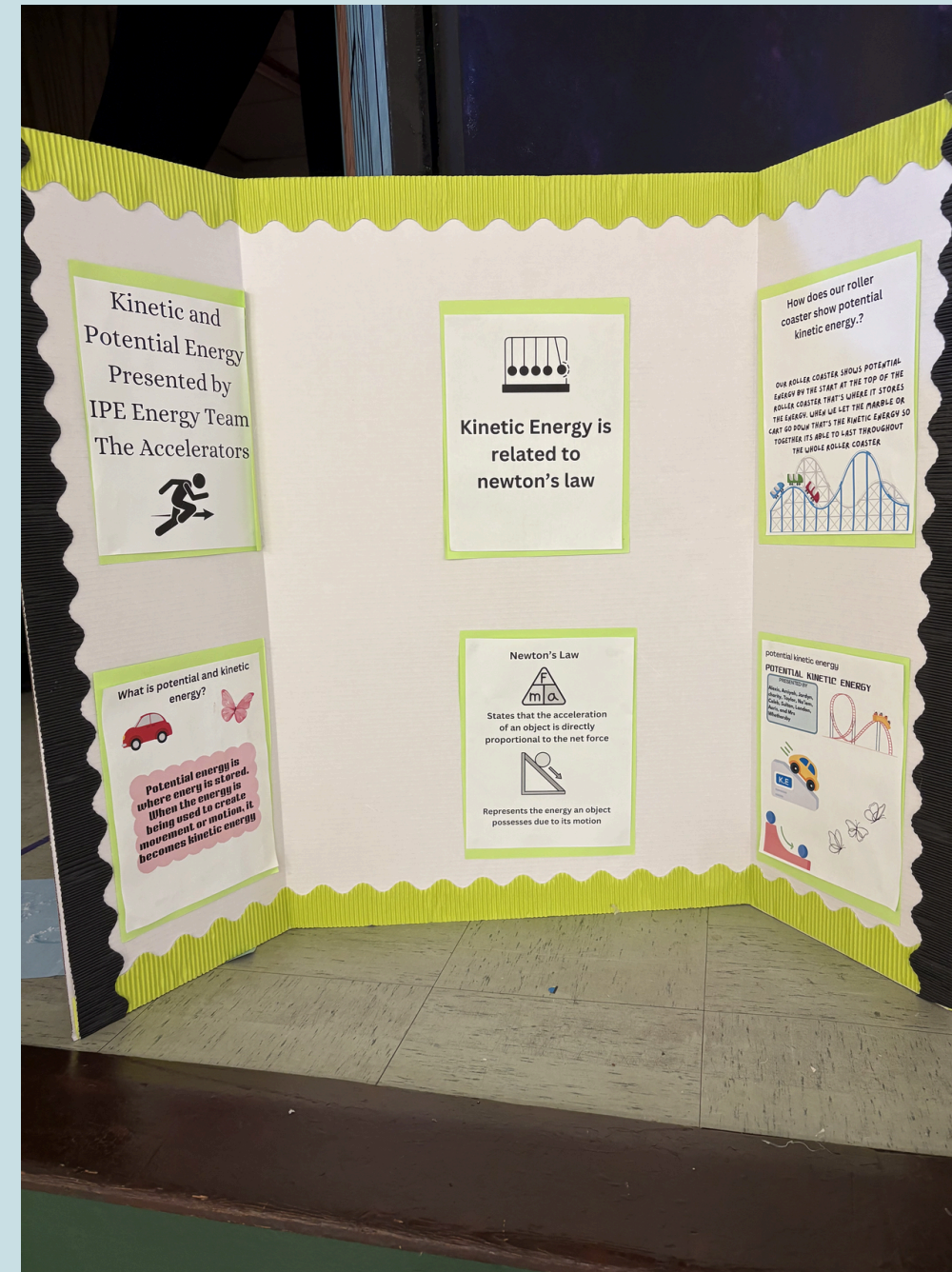


# KINETIC & POTENTIAL ENERGY

## WHAT WE LEARNED

ic

We learned that potential energy is energy stored up for kinetic energy which means movement so energy stored for movement.





# OUR KINETIC ENERGY..... PRESENTATIONS



This was a steam night and there were many stations to visit and over a hundred people! these are pictures of our rollercoasters and bow and arrows



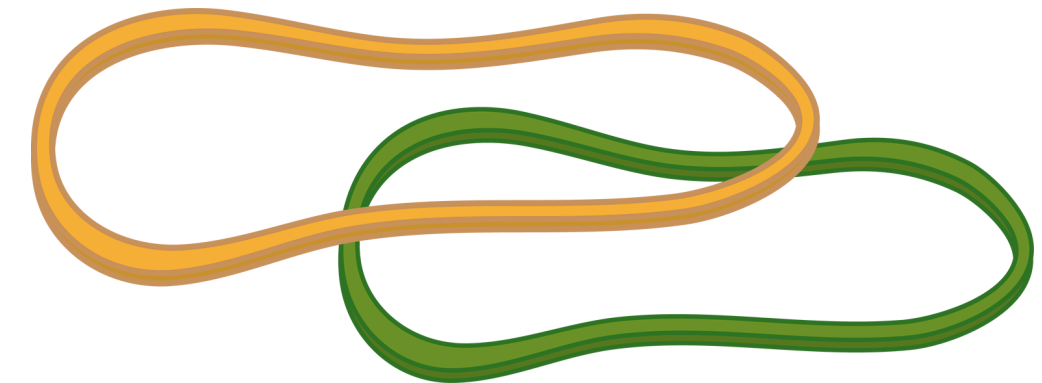
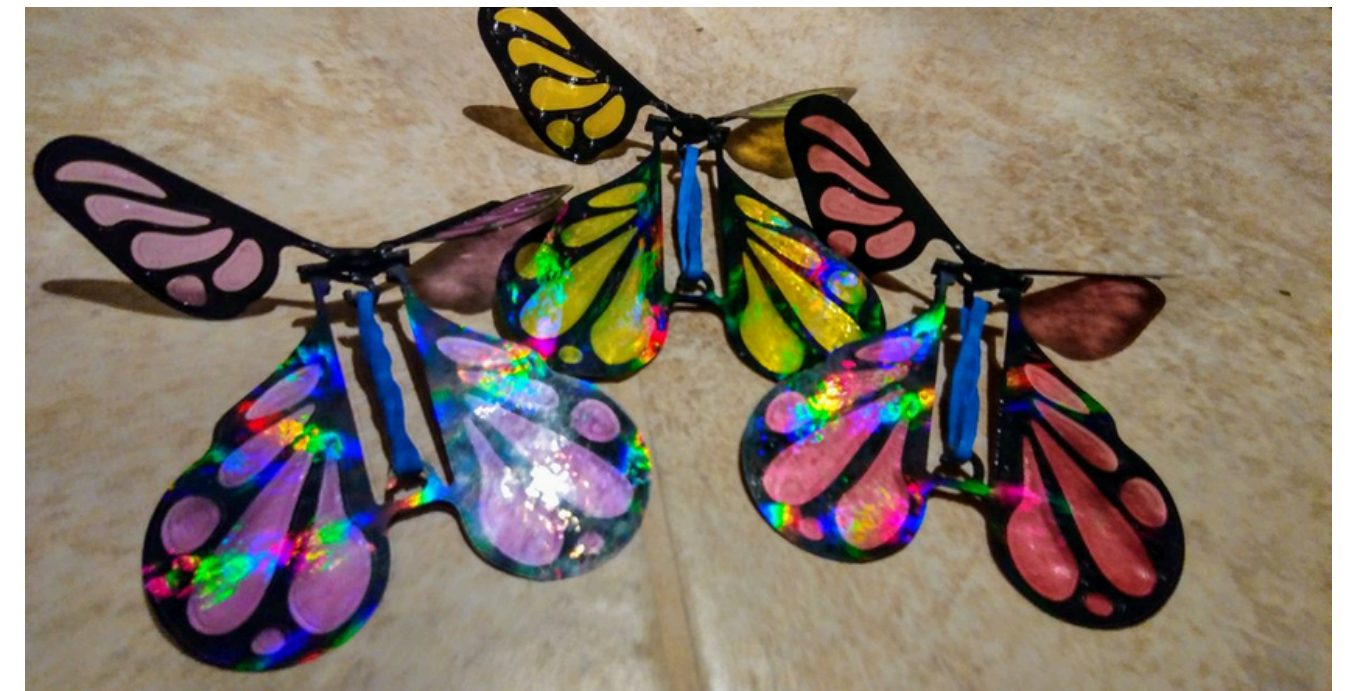


# BUTTERFLIES

## KINETIC ENERGY PRESENTATION

with Charity and Jordyn

At the steam night I presented kinetic energy in a butterfly, my experience was good I had fun doing my job charity. I loved the experience of teaching the younger students about kinetic energy and allowing them to try them. They were so excited to try the butterflies.







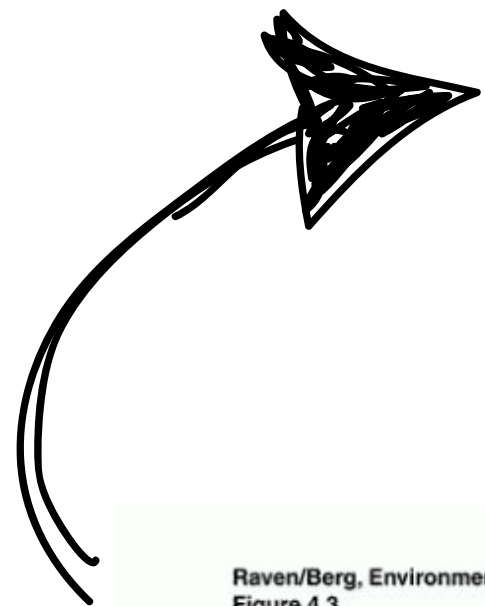
# PULL BACK CARS

with London and Taylor

We presented he pull back cars they show kinedic energy because tension is built inside the car and when release movement happens.





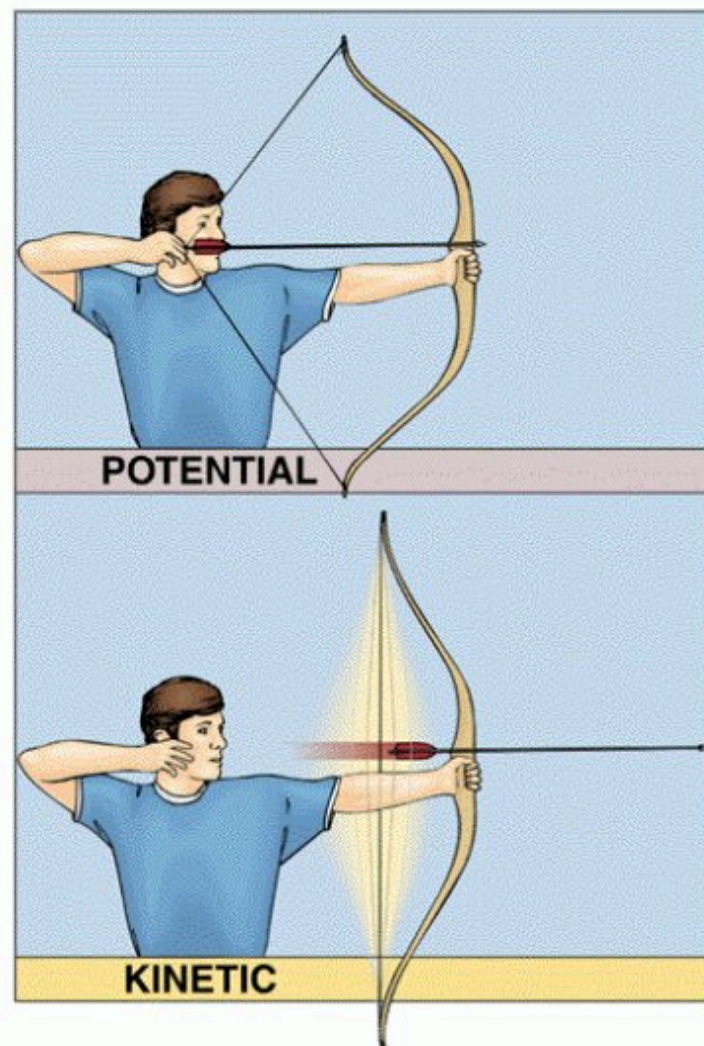


# BOW AND ARROW



with Sultan and Caleb

Raven/Berg, Environment, 3/e  
Figure 4.3



Harcourt, Inc.



What we learned is how potential energy and kinetic energy work and what it means then we practiced on our aim for the bow and arrow and even though we missed shots on steam night we still had fun and have nice day God loves you





# Helping our Community

## Activities

Making mats for our community members who are homeless. The mats will provide warmth, cushioning and keeps them dry.

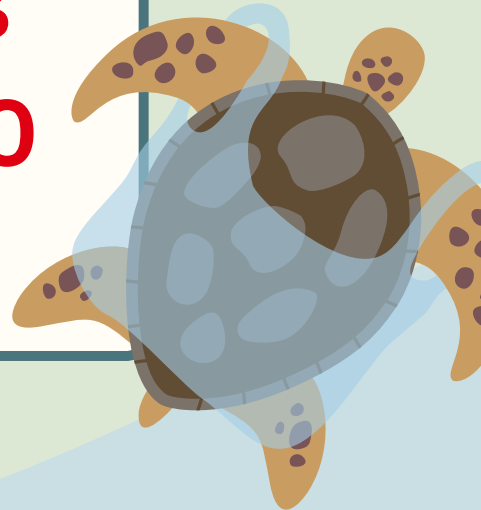


## Subject

Weaving mats out of grocery bags

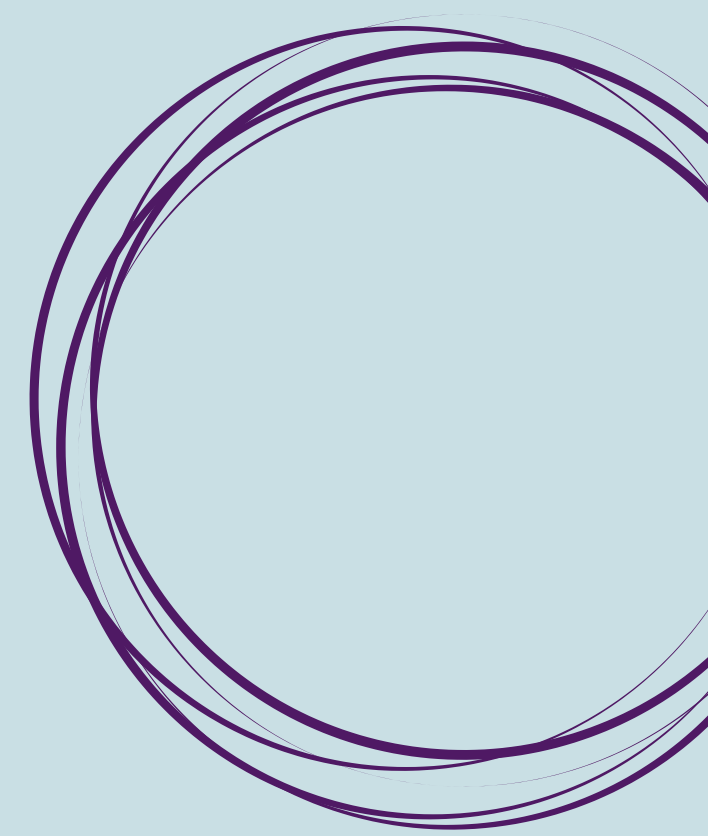
## Learning Objectives

**We learned that grocery bags stay in our landfills for 20-500 years.**





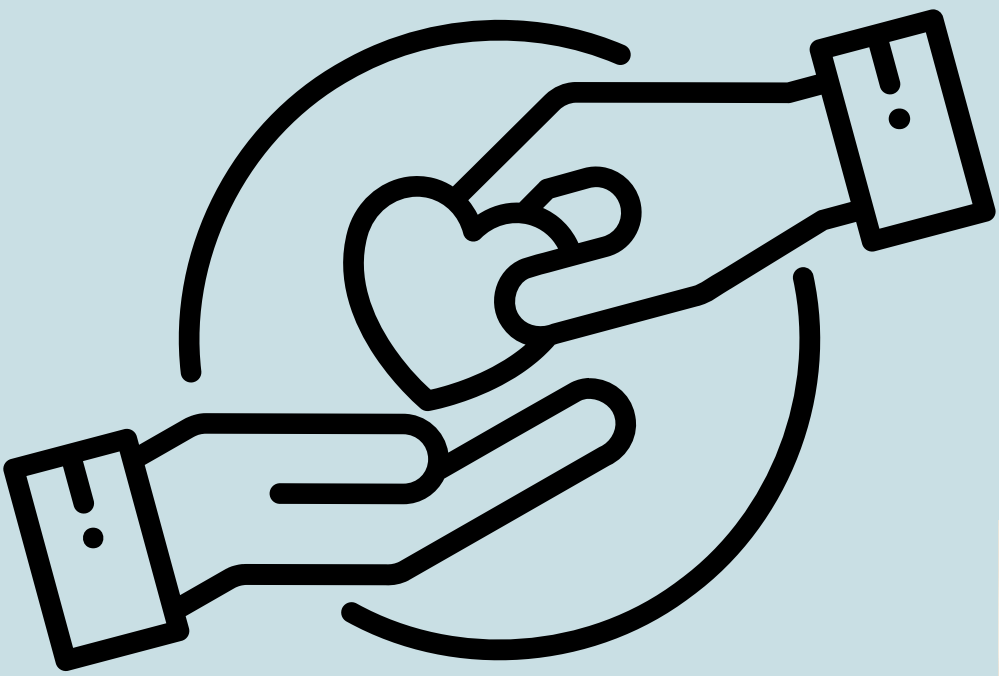
# WEAVING THE MATS



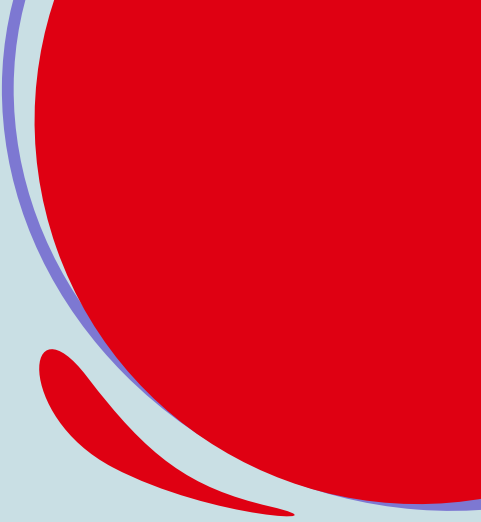
**We made the mats out of plastic bags and the handle part of the plastic bags.**







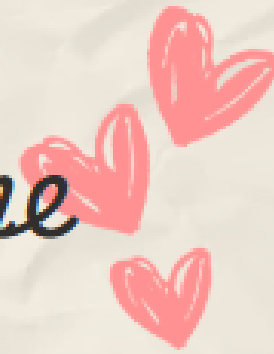
# DONATING THE MATS



*Made With Care  
from*



The Irving Park Energy Team



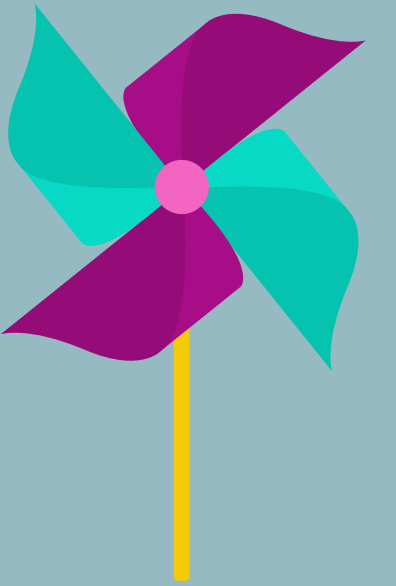
*We send our deepest concern and love  
for you as you deal with life  
circumstances. We hope that this mate  
will remind you that there are people out  
there who care.*

We took our mat  
that we finished to  
urban ministry for  
them to donate it to  
someone in need.





# Presentation on Wind Energy to 2<sup>nd</sup> Grade

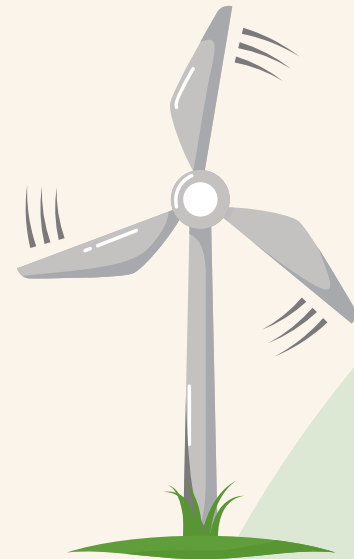


## Wind Topics

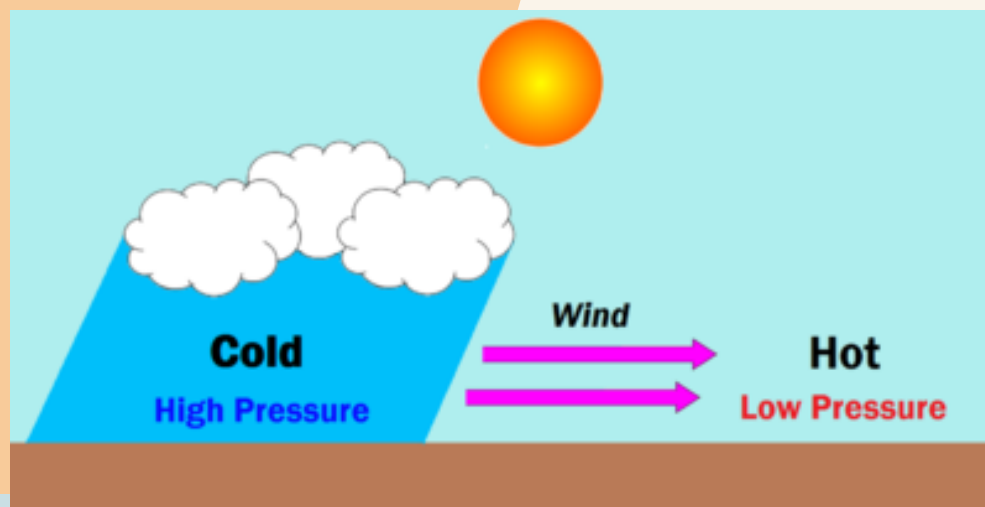
Wind in Weather



Wind Energy



How is wind formed?



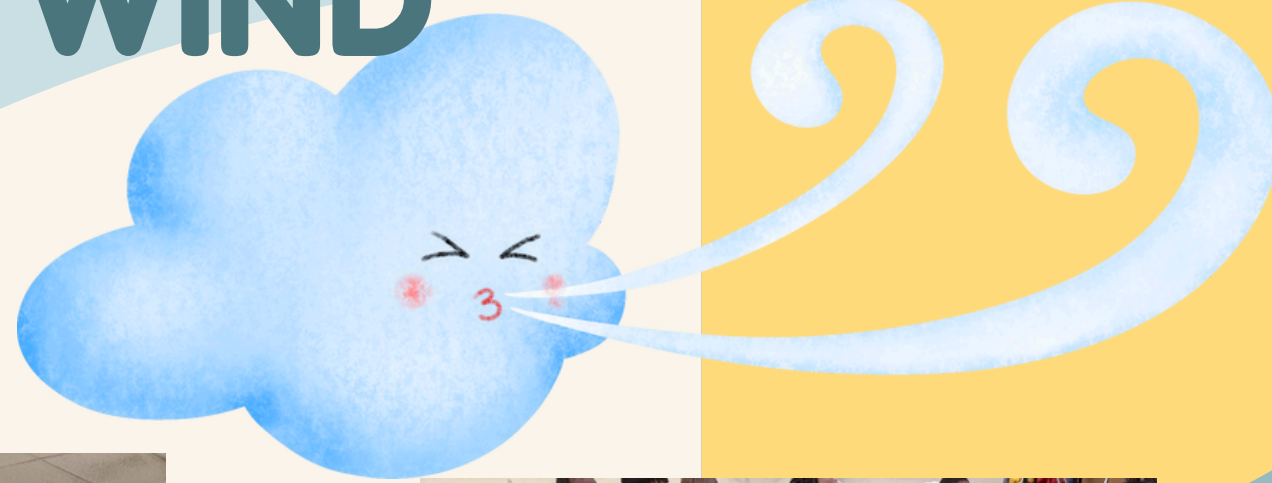
Hello my name is naiem and I will talk about how i felt about my presentation I felt like I was nervous. Once it started I enjoyed the kids, My part was talking about tornadoes.

hi my name is Amiyah and this is how I enjoyed teaching the 2<sup>nd</sup> grade about wind energy. I was surprised to see some the students knew about and had alot to add to the presentation. I felt so excited about my presentation!



# PRESENTATION OF WIND

## 2<sup>ND</sup> GRADE

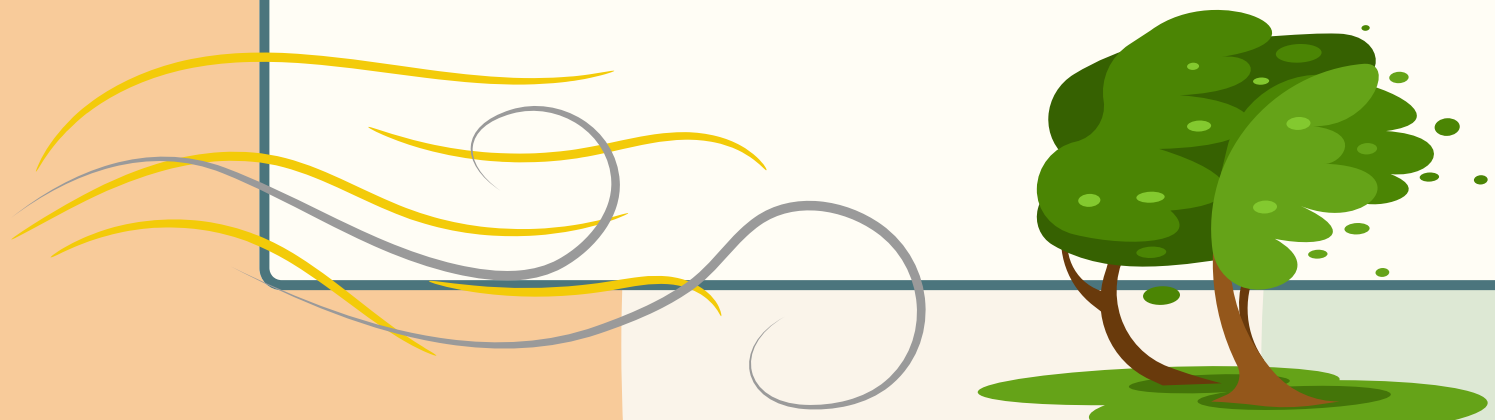




# Wind Presentation to Kinders

## Activities

The students were given pinwheels to make and we did a presentation on wind and we went outside to watch the power of wind.



## Subject

Wind Energy



Kindergarten pinwheels



# KINDERS ENJOYING THE MAGIC OF WIND



kindergarten was  
really sweet and  
they colored the  
pinwheels we  
gave them. We  
enjoyed talking  
about wind.