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Tree-Mendous Fun with Nature Club

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NEBRASKA HONORS PROGRAM
CLC EXPANDED LEARNING OPPORTUNITY CLUBS
INFORMATION SHEET

Name of Club: Tree-Mendous Fun with Nature

Age/Grade Level: Grades 3-5

Number of Attendees: (ideal number)8-15

Goal of the Club: (learning objectives/outcomes)

To learn about the environment while having fun by making crafts with nature components.

Resources: (Information for club provided by)

Content Areas: (check all that apply)

- Arts (Visual, Music, Theater & Performance)
- Literacy
- STEM (Science, Technology, Engineering & Math)
- Social Studies
- Wellness (Physical Education, Health, Nutrition & Character Education)

Outputs or final products: (Does the club have a final product/project to showcase to community?)

There is no final product, yet each week the students will bring home a craft about nature that promoted basic knowledge of the environment.

Introducing your Club/Activities:

'Tree-Mendous Fun with Nature' is a fun club for elementary students oriented at developing key environmental knowledge that students will be able to remember and use later in life.

General Directions:

Each week there will be a new craft that will coincide with a new lesson about the environment, be sure to have created an example craft before each lesson and to know the specifics of each lesson.

Tips/Tricks:

Always have a good attitude, this club is supposed to be fun!

LESSON PLAN WORKSHEET

Minute 0-5	<p>Introductions</p> <ul style="list-style-type: none"> - What is this club about?
Minute 5-7	<p>Explain Club Rules</p> <ul style="list-style-type: none"> - Rule 1: Keep your distance with your mask on - Rule 2: 3 R's : Respect, Responsibility, and Ready - Rule 3: 1, 2, 3, FREEZE!
Minute 8-15	<p>Class Introductions</p> <ul style="list-style-type: none"> - Play Hangman <ul style="list-style-type: none"> o Two words: "Oak Tree" and "Evergreen" - Before getting to guess a letter, each student must tell us their... <ul style="list-style-type: none"> o Name o Grade o What their superpower would be
Minute 16-25	<p>Lesson about Oak Tree and Evergreen trees</p> <ul style="list-style-type: none"> - Prompt students with questions about why each tree does or doesn't lose their leaves in the winter - Introduce vocab word of the day: "abscission layer" - Explain why trees and their leaf cycle is important : how it creates new trees
Minute 26-28	<p>Introduce Craft of the Day</p> <ul style="list-style-type: none"> - Show two examples of the craft - Explain how to make the craft - Answer any questions
Minute 29-30	<p>Pass out materials</p> <ul style="list-style-type: none"> - Check to see if you know the kids names while passing out materials
Minute 30-50	<p>Let the students create their crafts</p> <ul style="list-style-type: none"> - Try to offer support when needed, but don't interfere with the students creativity - Do not guide the kids, let them create what makes sense to them
Minute 51-55	<p>Use 1, 2, 3 FREEZE to get the students attention</p> <ul style="list-style-type: none"> - Prompt that it is time for clean up and every student must clean up their own area
Minute 56-60	<p>Show and Tell</p> <ul style="list-style-type: none"> - Each student that wants to, can show the class their finished masterpiece <p>Final Lesson Tips</p> <ul style="list-style-type: none"> - Conclude the club with final message about Oak Trees and Evergreens <ul style="list-style-type: none"> o Ask students <ul style="list-style-type: none"> ▪ Why is it so important that Oak Trees lose their leaves? <p>Goodbyes</p> <ul style="list-style-type: none"> - Say goodbye to each student by name and tell them that you cannot wait for next week!

Lesson Activity Name: Evergreen and Oak Trees

Length of Activity: 60 Minutes

Supplies: PowerPoint, Example Craft, Construction Paper, Twigs, Cotton Balls, Evergreen Pine Needles, Glue, and a great attitude!

Directions:

Create an evergreen tree with twigs and pine needles on construction paper, then use twigs and cotton balls to create a snowy oak tree on construction paper as well, these two crafts will be your examples for the lesson. During the lesson, be perky and energetic, today is the first day of the club so you need to make

sure the kids have fun. Start the lesson with a sort of icebreaker. Then explain the lesson in detail to the kids, including this weeks vocab word, and answer any questions. Show the students your two example crafts and give them the materials needed to create it. Let them work and try not to intervene in their creative process. At the end of the craft, make sure clean up is done. Have the students show their finished work to the club and go over the importance of the lesson one last time. Be sure to thank the students for coming, and then what will be happening next week to get the excited to come again.

Conclusion of the activity:

Students learned about two types of trees and what makes them both similar and different. They also learned about why some trees lose their leaves and why others don't. On top of this, students expressed their creativity by using nature tools to create a work of art.

Parts of activity that worked:

Parts of activity that did not work:

LESSON PLAN WORKSHEET

Lesson Activity Name: Birds and Migration

Length of Activity: 60 Minutes

Supplies: PowerPoint, Example Craft, Pipe Cleaners, Fruit Loops, Twine or String

Directions:

Create a bird feeder out of pipe cleaners and fruit loops as the example craft for the students before club. This weeks lesson will be about birds. Teach the students about birds migration patters, why they migrate and where they migrate to. The vocab word of the week is 'migration'. Then show the kids the example craft and pass out materials for the kids to create their own fun, colorful bird feeder in whatever shape they want.

Conclusion of the activity:

Students learned about migration and the importance of it for birds survival. They also were able to create colorful and creative bird feeders for the birds.

Parts of activity that worked:

Parts of activity that did not work:

LESSON PLAN WORKSHEET

Lesson Activity Name: Snowflakes

Length of Activity: 60 Minutes

Supplies: PowerPoint, Example Craft, Construction Paper, and cotton balls

Directions:

Before club, create a couple different models of different types of snowflakes: different colors, different sizes, and different intricacy levels. Today the students will learn about what snowflakes are. They will learn that snow is a frozen hydrogen atom and 2 oxygen atoms (frozen water). They will also learn how snowflakes form and why each snowflake is unique. Then, the students will learn how to cut out each of their own snowflakes. Fold a circular page into 8 slices and then cut random patterns. When the page is unfolded it will be a unique pattern, a snowflake.

Conclusion of the activity:

Students learned about what snowflakes are, how they form, and why they are all different. They also made many of their own different types of snowflakes and were able to make each one unique.

Parts of activity that worked:

Parts of activity that did not work:

LESSON PLAN WORKSHEET

Lesson Activity Name: Rocks

Length of Activity: 60 Minutes

Supplies: PowerPoint, Example Craft, Rocks and Paint

Directions:

Before club, create an example craft. For the lesson, teach students about the rock cycle. What types of rocks there are and why each type is so important to the earth. Then show some pictures and have the students match the rock to its type. Next, give each student a rock (fairly sized) for them to use their imagination and paint an animal onto the rock. (examples are fish, dog, mouse, etc.). The student then will present their creation to the class and tell them why its their favorite animal.

Conclusion of the activity:

Students learned about what rocks are, what the rock cycle is and why its important. On top of that, then students got to use their imagination to paint their favorite animals onto the rock.

Parts of activity that worked:

Parts of activity that did not work:

LESSON PLAN WORKSHEET

Lesson Activity Name: Deer Pine Cone Craft

Length of Activity: 60 Minutes

Supplies: PowerPoint, Example Craft, Pinecones, Pipe Cleaners, Glue and Tape

Directions:

Before club, create an example craft. During class, the lesson will be about how animals coexist. Teach the students what animals need to survive and how animals coexist with other animals. The craft today will be making a deer. There will be a pinecone for the body and then the students will use pipe cleaners as legs and a head.

Conclusion of the activity:

Students learned about other animals and why the ecosystem is so important for all animals survival. Students also got to create their own deer.

Parts of activity that worked:

Parts of activity that did not work:

LESSON PLAN WORKSHEET

Lesson Activity Name: Wind Chime

Length of Activity: 60 Minutes

Supplies: PowerPoint, Example Craft, Acorns, Twine, Leaves, Twigs, Pipe Cleaners, Glue and Tape

Directions:

Before club, create an example craft. During class, the lesson will be about wind. The students will learn about what wind is, why it exists, and why it is so important for our environment. Then the students will make a wind chime by using sticks, twigs, acorns, and leaves connected onto hanging twine. This project will be more hands-free from the instructors and more about the students getting to create a work of their own.

Conclusion of the activity:

Students learned all about wind and were able to learn about its importance to our environment. The students also got to use their creativity to make a craft that can actually be put to use in their home.

Parts of activity that worked:

Parts of activity that did not work:

LESSON PLAN WORKSHEET

Lesson Activity Name: Dream Catcher

Length of Activity: 60 Minutes

Supplies: PowerPoint, Example Craft, Twine, Pipe Cleaner, Fall Leaves, Glue and Tape

Directions:

Before club, create an example craft. During class, the lesson will be why leaves change color. Students will learn about pigmentation and why leaves change their pigment in the fall. Students will also be able to connect this idea of pigmentation with the first lesson of club about why trees lose their leaves. The craft will focus on students using leaves to create a dream catcher. They will curl a pipe cleaner into a circle and then use the string to wrap it around the circle until they are happy with the look. Then the students will attach the leaves to the string hanging from the circular “frame” using glue. Once they are happy with the look, students will show their creation to the class and also share one dream they have for the future.

Conclusion of the activity:

Students learned all about leaves and why they change color. They were also able to use what they learned earlier in the club to connect it to today's lesson. The students also were able to creatively work on a project that they would proudly be able to hang up in their home.

Parts of activity that worked:

Parts of activity that did not work:

LESSON PLAN WORKSHEET

Lesson Activity Name: Succulents

Length of Activity: 60 Minutes

Supplies: PowerPoint, Example Craft, Colored Popsicle Sticks, Coffee Filter, Planting Dirt, Small plants

Directions:

Before club, create an example craft. During class, the lesson will be how plants grow. The lesson will focus on what plants need to survive, why they need these things, and why plants are important to our environment. Then the craft will be making a very own succulent. The students will make a small container for their succulent with a coffee filter and popsicle sticks glued around it in a circular fashion. Then fill the “pot” with dirt and the student will get to plant their very own succulent and watch it grow.

Conclusion of the activity:

Students learned all about plants and their importance to the environment, and they also got to facilitate this learning by planting their very own plant. This craft they will get to bring home and take care of it. From home their learning will continue as they watch the plant grow day by day as they take care of it.

Parts of activity that worked:

Parts of activity that did not work:

LESSON PLAN WORKSHEET

Lesson Activity Name:	Flowers in a Frame
Length of Activity:	60 Minutes
Supplies:	PowerPoint, Example Craft, Construction Paper, Clear Paper sleeves, flowers, grass and leaves, glue and tape

Directions:

Before club, create an example craft. During class, the lesson will be why flowers are all different shapes, sizes, and colors. Make sure that during the lesson you teach the students about at least 3 different varieties of flowers and quiz the students to identify flowers when shown a picture or given a characteristic. Next, the students will create a "picture frame" of flowers. They will use the clear paper sleeve to artistically place flowers and other grass and leaves in a nature portrait inside the clear sleeve. They will tape the clear sleeve shut and then use construction paper to make a "frame" around the clear sleeve. This ending product will be a frame of a student developed nature scene.

Conclusion of the activity:

Students learned all about flowers and will be able to identify specific flowers in the future. Students were also able to learn about why flowers are the different shapes and colors that they are. On top of this, students were able to create a beautiful piece of art work that they can proudly show their families.

Parts of activity that worked:

Parts of activity that did not work:

LESSON PLAN WORKSHEET

Lesson Activity Name:	Grand Finale
Length of Activity:	60 Minutes
Supplies:	PowerPoint, Example Craft, Outside access, Paper Plates, Glue, Markers, Pencils, Tape, and String

Directions:

Before club, create an example craft. During class, the lesson will be mainly run by the kids. As the last day of club we want the students to be able to take all that they have learned and be able to apply it. During club the students will go outside to collect nature materials (sticks, leaves, grass, etc.) to create their very own animal portrait. The students can choose whatever animal they want, and the portrait can be as exact of abstract as they please. After creating their craft, the students will show what animal they created to the class and then use their previous club knowledge to teach the class about one nature aspect that they incorporated into their craft.

Conclusion of the activity:

Today students were able to really show off all that they learned in the class. They demonstrated their knowledge on the environment and also were able to create their own masterpiece with little to no interference.

Parts of activity that worked:

Parts of activity that did not work:
