Structural Features of a Project

• Discussion
• Field work
• Representation
• Investigation
• Display

DOCUMENTATION – noting, reviewing, discussing, representing, evaluating and sharing what is being learned
DISCUSSION

Listening carefully and hearing what children have to say
FIELD WORK
Rafael told a story about jam, ham and lettuce sandwiches and then drew about it.
## Project Planning Chart

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Project Practice

How much project work can the younger children do?
Field visit to the school’s bathroom.
After the visit: discussing things they saw.
Representations
Our Community Mosquito Reserve

Transportation
- Wagons
- sleds
- tracks
- vans
- buses

Experts: Stone hunting
- Kelly Bird-rodeos
- Singers: Arnold, Moosomin
- bannock: Darlene Starchief
- Elders: Paul Stone, Steve Moosomin, Solomon Stone

Geography
- Land
- Water
- Climate/seasons

Economy
- Farming
- Ranching
- Hunting

Food
- Bannock
- Berries
- Western food
- Wild meat

Religions
- Sweetgrass
- Elders
- Sweat
- Medicine
- Christianity

Entertainment
- Powwows
- Oral stories
- Drumming
- Dancing
- Rounddances

Clothing
- Moccasins
- Regular clothing

Sites
- Powwow
- Sundance grounds
- graveyards
- Food construction
- loghouse
- Chute's Stone

Buildings
- Building
- band office
- daycare
- Waterplant
- Store
- band hall
- homes
- compound

Animals
- eagles
- moose
- deer
- horses
- dogs
- cats

Homes
- log houses
- regular houses
- trailers
Snow and Ice

Jobs
- dust snowflakes
- old water pieces of clouds
- hard/soft
- heavy/light

Machines/Tools
- grater
- snow blower
- shovel
- bulldozer
- dump truck
- chisel

Snow

Ice
- freezing water icicles

Animals
- tigers
- penguins
- rabbits
- snow leopards
- seals
- birds
- owls
- husky
- polar bears

Places
- back yard
- mountains
- Canada
- Arctic
- Fernie
- Northpole
- Jasper

Measuring
- deep
- body
- feet

Activities
- skiing
- skating
- snowboarding
- building
- walking
- sledging
- making snow angels

Weather
- clouds
- temperature
- water drops
- cold
- freezing
- storms
- avalanches
- blizzards
- hail

Clothes
- layers
- vest
- boots
- snow pants
- hood
- hat
- gloves
- mittens
- long johns
- muff
- scarf
- head band

Equipment
- helmets
- padding
### Art
- Observational drawings and paintings of chickens and parts. Model? Painting with feathers. Creating a nest box for the chicken in the classroom. Painting and drawing eggs, egg tempera, making clay eggs, egg shell art. Pin the tail feathers on the chicken, egg sticker paintings, chicken wire as stencil.

### Math
- Counting eggs, chart of number of days until hatching (gestation), how many chickens on the farm, how many eggs does a chicken lay in a week?, “one dozen”, how much food does a chicken need? How much does a chicken weigh? Counting body parts, counting tocs, matching games with breed pictures.

### Science & Natural Resources
- Incubator, egg investigation and cooking with eggs, collecting egg recipes, candling eggs, eggs in vinegar, how to tell hard-boiled from raw, incubation chart, breed chart, visit from chickens and farmers from “Eatwell Farms”, observation/examination of the chicken coop.

### Music, Movement, & Dance
- “Chicken dance” “The Chickie in the Egg”
- Moving like a chicken, “funky chicken” “Old Mac Donald” chicken noises: cluck, crow, peep, pio, “Los Pollitos”

### Construction & Technology
- Making a nest, building chicken coop in the blocks, putting together incubator.

### Language & Literacy
- Body parts, breeds, veterinarian, farmer, roost, crow, feather, egg, oval, gestation, incubator, thermostat, brooding, candling, hatch, hen, rooster, chick, pull, yolk, albumen,
- Stories about chicken observations
- Stories about chicken pictures
- Cooperative stories

### Books to Develop Topic
- Henry Penny, Dora’s Eggs
- The Rooster’s Gift, Across the Stream
- The Chick and the Duckling
- Recherka’s Eggs
- The Egg, Rosie’s Walk, Inside an Egg
- A Chick Hatches
- The Painter Who Loved Chickens
- The Little Red Hen
- The Bossy Gallito
- Good Morning Chick
- The Joy of Chickens
- My Hen is Dancing
- Chickens Aren’t The Only Ones
- Mother Hen
- The Chicken Book

### Imaginative Play
- Vet’s office
- Farmer
Phase 1 – Getting Started

• Telling stories of experience
• Responding to a provocation
• Discussing
• Wondering about the topic
• Asking questions
• Predicting possible answers
A provocation to introduce the topic

Different kinds of bread were put out for the children at snack time
Personal Stories

The children shared their personal experiences about bread.

“I went to a restaurant and I ate pepperoni pizza with my brothers.”
• There are different types of bread

• We can buy bread in:
  ➢ supermarkets
  ➢ bakeries
  ➢ “tiendita”
  ➢ restaurant
  ➢ markets
  ➢ “pueblos”

• “Some bread comes in a box”

• “We make bread in something hot”

• “Bread has different shapes”

• “We can make bread in a machine”

• “We need “ingredients” like flour and oil to make bread”
Questions

• What do we need to make bread?
• How is bread made?
• Where do we cook bread?
• Who makes bread?
• Can you make bread in a frying pan?
• Can you eat raw dough?
• What happens if you eat raw dough?
• Where does flour come from?
Class discussion - rock collections
Web of ideas about a Kg TV

Phase One - Our Beginning Ideas.

- Web of ideas about a Kg TV
- David says TVs have chips in them.
- Sall says TVs have lots of working parts.
- Mitchell says TVs have a button for going on.
- Levi says TVs have a wire inside.
- David has a computer to play games and we do stats for hockey.
- Kjetil says TVs are computer and don't have time my dad leaves the computer on and leaves his work running so no one can use it.
- Sherry says you can change channels by pressing buttons.
- Philip says TVs have lots of buttons.
- Janice says you can turn off TVs whenever you want.
- Aaron writes out cards on his computer.
- Aaron has a Nintendo and he plays it on his second TV. He also has a computer - an old one and a new one.
- Kristina says her mom has a computer and she prints out her homework.
- Joseph says a fax is like a phone.
- Matthew says he has a radio that looks like a Spiderman. He listens to music.
- Amanda has a radio and 2 TVs. She listens to news.
- Jennifer has a fax machine.
Here are some of the children’s comments:

Aaron writes out cards on his computer.

Scott says TVs have lots of working parts.

Elizabeth says her mom uses a computer in her doctor’s office.

Kristina says her mom has a computer and she prints out her homework.

Mitchell says TVs have a button for going on.

Dustin B. says TVs show cartoons.

Joseph says a fax is like a phone.