

Lesson Plan #5: Logic

Anna, Eli, and Mia

Time: 45 minutes

Age: 4-6 years

Materials: paper, crayons, printed pictures

Learning Objectives:

- Evaluate what does vs. doesn't make sense
- Share logical reasoning for why they think a certain way
- Develop logical thinking
- Think about the difference between good and bad reasoning

Intro (5 min)

- Review names and pronouns
- Review guidelines
- Does anyone know what logic means?
 - Something that makes sense
 - Illogical means something that doesn't make sense
 - For Ex. it doesn't make sense for animals to drive cars but humans can drive cars

Activity #1: Logic Drawings (10 min)

- Have the kids draw a picture of something illogical
- Share drawings and explain why the scenario they drew doesn't make sense
- Ask: Could anything be changed to make this make sense? What?

Activity #2: Categories (10 min)

- Show pictures of two different animals but ask if they are the same because they have stripes
- Why are the animals considered different?
- Can you think of other animals with stripes but are different animals? (think morris the moose concepts without having to read the book)

~Simon Says Break~

Activity #3: Mystery - Good vs. Bad Reasoning (10 min)

- Explain that there has been a very bad crime committed: someone stole Sally's birthday cake
- There are 5 suspects
- Suspect 1: has frosting all over themselves
 - Suspect 1 took the cake because they have frosting on them
- Suspect 2: is holding a fork
 - Suspect 2 took the cake because they used the fork to eat it
- Suspect 3: is wearing a red shirt
 - Suspect 3 took the cake because everyone who wears red steals cake
- Suspect 4: has a mohawk
 - Suspect 4 took the cake because mohawks are hungry for cake
- Suspect 5: is asleep
 - Suspect 5 took the cake because everyone steals cake in their dreams
- Have the kids share why they think it is good or bad reasoning
- If the reasoning is bad, have them come up with better reasoning
- What makes good reasoning good?
- What makes bad reasoning bad?
- Who do you think did it?

End: Reflections (5 min)

- How did you feel about what we talked about today?
- Do you think that you can use what you've learned today about logic sometime this week?
- Which activity was your favorite and why?
- Did we do a good job following our guidelines?





Suspect photos





