**Child Development**

**Plan of Work for Child Care Provider Education**

**Check Sheet for Materials**

For each workshop topic, there are handouts for participants and forms for agents to use in collecting evaluation data.

\_\_\_\_\_ 1. Handout for workshop participant

\_\_\_\_\_ 2. Information Form

\_\_\_\_\_ 3. Pre survey

\_\_\_\_\_ 4. Post survey

\_\_\_\_\_ 5. Answers to pre and post survey

\_\_\_\_\_ 6. Management of evaluation data

\_\_\_\_\_ 7. How to calculate scores

\_\_\_\_\_ 8. Six week follow up evaluation

\_\_\_\_\_ 9. Six month follow up evaluation

**Lesson Developed by Diana Del Campo, Ph.D.**

Questions? Contact Karim Martinez, Ph.D., NMSUExtension Family Life Specialist, karmarti@nmsu.edu

**Topic: Child Development**

Handout for Workshop Participant

Overview: Knowing how children develop helps you understand children’s behavior and how to help them learn. Put the basic concepts of child development to work for you as you care for children.

Meets New Mexico Licensing Regulation Competency: Child Growth, Development, and Learning

**Directions**

A. Complete the information form (number 1-5) and pre survey that workshop presenter will provide for you.

B. Watch the webcast on child development at <http://betterkidcare.psu.edu/page11a.html> or watch the video or DVD and use the following outline to take notes.

1. What influences a child’s development?

2. What does developmentally appropriate mean?

 Would you put an infant in circle time?

 Would you expect a 3 year old to write her name?

 Would you expect a 5 year old to do geometry?

3. What are 4 of the areas of child development?

C. Workshop presenter will discuss video and note taking outline.

D. Complete the post survey that workshop presenter will provide for you.

**Information Form**

Workshop participants will complete 1-5 of this form and return to workshop presenter. Workshop presenter will use this form to track evaluation data.

1. Name of workshop participant \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Surface mailing address \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Email address (used for evaluation only) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4. Child Care Center name and mailing address \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. Number of continuing education credits earned at this workshop \_\_\_\_\_\_\_

**Topic: Child Development**

Pre survey for workshop participant to complete

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What influences a child’s development?

2. What does developmentally appropriate mean?

 Would you put an infant in circle time?

 Would you expect a 3 year old to write her name?

 Would you expect a 5 year old to do geometry?

3. What are 4 of the areas of child development?

**When finished, please return to workshop presenter.**

**Topic: Child Development**

Post survey for workshop participant to complete

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What influences a child’s development?

2. What does developmentally appropriate mean?

 Would you put an infant in circle time?

 Would you expect a 3 year old to write her name?

 Would you expect a 5 year old to do geometry?

3. What are 4 of the areas of child development?

**When finished, please return to workshop presenter.**

**Topic: Child Development**

For workshop presenter: Answers to pre and post survey

1. What influences a child’s development?

The child himself- his personality, his physical ability, small motor coordination, large muscle development, his ability to think

The caregiver- how she facilitates learning, how she supports the child

The environment- is it safe; are there lots of learning materials around?

The family- are they involved in the center; do they have a good relationship with the child?

2. What does developmentally appropriate mean?

The activity that the child is doing matches the child’s ability or stage of development. Children develop at different rates but do go through the same stages of development. We would never force a child to do an activity, especially if it was not developmentally appropriate.

Would you put an infant in circle time? NO

Would you expect a 3 year old to write her name? NO

Would you expect a 5 year old to do geometry? NO

None of these activities is developmentally appropriate.

3. What are 4 of the areas of child development?

Language Development- involves repeating sounds, recognizing names, listening to voices.

Cognitive Development- involves recognizing objects, understanding where an object goes if hidden.

Physical Development- involves climbing, holding a cup, using small and large muscles, jumping, picking up things.

Social development- involves connecting with other people, imitating adult actions, playing with other children, sharing, verbal and physical communication.

**Management of Evaluation Data**

To be completed by workshop presenter

**Workshop evaluation**

Today’s Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Pretest score \_\_\_\_\_\_\_ Post test score \_\_\_\_\_\_\_

**Six weeks after workshop**

Today’s Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Are you using the techniques you learned in the child care workshop?

 YES \_\_\_\_\_ NO \_\_\_\_\_

2. What did you learn about that you are using with the children?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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3. Did you keep your job as a result of earning continuing education credits? YES\_\_\_\_\_ NO \_\_\_\_\_

**Six months after workshop**

Today’s Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Are you using the techniques you learned in the child care workshop?

 YES \_\_\_\_\_ NO \_\_\_\_\_

2. What did you learn about that you are using with the children?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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3. Did you keep your job as a result of earning continuing education credits? YES\_\_\_\_\_ NO \_\_\_\_\_

**How to Calculate Scores for Child Care Provider Training on Child Development**

Evaluation statement from child care plan of work <http://pow.nmsu.edu/view_template.php?plan_id=27> : 80% of participants will increase their knowledge level on a variety of subjects which meet child care licensing regulation competencies, such as nutrition education, child care and guidance, child health and safety, or one of the topics in the New Staff Orientation Program.

There are 2 ways to calculate scores. One is to calculate the % of participants who scored higher on the post test verses pretest. A second way is to calculate the % of knowledge gain for the group.

**1. Calculate the % of participants who scored higher on the post test verses pretest.**

Child development pretest and posttest has 3 questions; #1 and #2 are worth 30 points each; # 3 is worth 40 points = 100 points. Grade the pretests and post tests.

Number who improved scores divided by total number of participants = \_\_\_% who improved scores.

Evaluation statement: \_\_\_\_\_child care providers attended an educational workshop on child development. A comparison of pretest and post test scores showed that \_\_\_\_\_% of the child care providers improved their knowledge scores.

**2. Calculate the % of knowledge gain for the group.**

Child development pretest and posttest has 3 questions; #1 and #2 are worth 30 points each; # 3 is worth 40 points = 100 points. Grade the pretests and post tests.

Grade pretest for each person; add total points for everyone

Divide total points by number of participants for an average score

Divide average score by total points possible

This is the % correct on the pre test

Do the same procedure for post test.

Subtract pretest % score from post test % score to equal the percent increase or decrease in knowledge.

Evaluation statement: \_\_\_\_\_\_ child care providers attended an educational workshop on child development. A comparison of pretest and post test scores showed that there was a \_\_\_\_\_% \_\_\_\_\_\_\_\_\_\_\_ in knowledge gain for child care providers.

**SO WHAT????**

There is a second step. In order to determine what these scores really mean, a statistical test such as a “T” test or “Chi Square” must be run.

Comparing the pretest score to the post test score statistically will give you important results, such as, “There was a statistically significant difference between the pretest and the post test scores. It did not happen by chance. There is a real difference in the scores.”

**Six week follow up evaluation**

Workshop presenter will mail or email to workshop participant 6 weeks after workshop.

Today’s Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Dear:

About 6 weeks ago you participated in a child care provider workshop sponsored by the County Extension Office. We need to know how much it helped you.

Please answer the following 3 questions and return the form to us in the self addressed stamped envelope or if you’re receiving this by email, hit the reply key and answer the questions.

1. Are you using the techniques you learned in the child care workshop?

 YES \_\_\_\_\_ NO \_\_\_\_\_

2. What did you learn about that you are using with the children?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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3. Did you keep your job as a result of earning continuing education credits? YES\_\_\_\_\_ NO \_\_\_\_\_

Thanks so much! This information helps us continue to provide educational programs for the county.

**Six month follow up evaluation**

Workshop presenter will mail or email to workshop participant 6 months after workshop.

Today’s Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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3. Did you keep your job as a result of earning continuing education credits? YES\_\_\_\_\_ NO \_\_\_\_\_

Thanks so much! This information helps us continue to provide educational programs for the county.