Cornell Cooperative Extension (CCE) offers a variety of programs for parents and caregivers. These programs reach a wide range of families and seek to promote positive parenting and, ultimately, healthy family and child development. This research brief presents data collected from participants in the Discipline is Not a Dirty Word program from July 2012 to July 2013. Participants included parents and caregivers taking part in programs that comprised at least six hours of content delivery. Data were collected from participants at the first session (a pre-test) and at the last session (a post-test). Results of the analysis of these data are shown below.

Demographics of Participants attending Discipline is Not a Dirty Word

The following summaries use data from 136 participants who completed a pre-test survey given at the first session of their parent education class. The majority of participants in the Discipline is Not a Dirty Word program were from Orange County (49%).

![County Distribution](chart.png)
Seventy-two percent of the participants in the program were female. Educational attainment among the participants varied widely, with the greatest number of participants having completed some, but not all of college (21%), followed by those who had graduated from a post-four year college program (18%).

The majority of the participants in the Disciple is Not a Dirty Word parent education class were white (59%) and the most common marital status was married or partnered (66%).
Pre-Post Survey Results

This study used a pre- and post-test evaluation, in which the participants were asked to answer two identical surveys—one given at the first session of the class and another given after the completion of the last parenting class. The survey included ten questions about parenting attitudes, behaviors, and knowledge designed to capture some of what was taught in the class. The pre- post-study design allows researchers to see if attitudes, behaviors, and knowledge change during the course of the workshop. Using this type of research design does not allow one to determine whether taking part in the parent education class caused a change in knowledge, attitude or behaviors;
such changes could occur for other reasons outside of the workshop. However, it is possible that any significant pre-to-post changes in parenting attitudes, behaviors and knowledge that are observed may have resulted from taking part in the program.

The following evaluation is based on information provided by 102 participants, who completed their program and completed both a pre- and a post-test survey. Eight of the ten measures tested showed significant improvements from the pre- to the post-test. Specifically, participants of the Discipline is Not a Dirty Word parent education class reported increased patience with their child, increased confidence in making rules that take their child’s needs into consideration, increased belief that they have the skills necessary to be a good caregiver, decreases in how often they yell at their child, increased use of explanations for rules they make, an increase in communicating something positive about their child with other adults, increased time spent reading with their child and increased belief that they have enough people to count on when needed.

A p-value generated from a paired t-test was used as a statistical measure to determine whether a change in a given survey question between the pre- and post-test was significant. A p-value of .10 or less was considered statistically significant, and means that we can be 90% sure that the pre-to-post changes in participant responses are not due to chance. In comparing participants’ pre- and post-test survey results, the following questions showed statistically significant changes.

![Graph showing significant changes in pre- and post-test responses for the question 'I do not have as much patience with my child(ren) as I should.' with a p-value of .02 and .57 for pre and post respectively.]
I try to make rules that take my child's individual needs into consideration.

- **Pre:** 1.63
- **Post:** 1.51

I honestly believe I have the skills necessary to be a good caregiver.

- **Pre:** 3.91
- **Post:** 4.18
How often do you yell at your child?

- **Pre**: 2.35
- **Post**: 2.18

I try to explain the reasons for the rules I make. (Would you say this is...)

- **Definitely True**: 3.44
- **Definitely False**: 3.51
How many times in the past week have you told another adult (spouse, friend, co-worker, visitor, relative) something positive about your child?

- Pre: 2.51
- Post: 2.83

How often do you read to your child or does your child read for enjoyment?

- Everyday: 3.58
- Never: 3.84
These results indicate that eight out of ten measures of parenting attitudes, behaviors and knowledge improved significantly from the pre- to the post-test, highlighting areas in which Discipline is Not a Dirty Word parent education programs may have had a positive impact on their participants.
Visit the Parenting in Context project at:

http://www.human.cornell.edu/pam/outreach/parenting/

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