For more than five decades, severe disruptive behavior among youth has evolved from a relatively minor concern to a significant daily reality experienced by many (American Educator, 1996; Browne, 2013; Elam, Rose & Gallup, 1996; Lewis, Sugai, & Colvin, 1998; Walker, Colvin & Ramsey, 1995; Walker, Ramsey & Gresham, 2004). The National Institute of Mental Health (2002) and others (see Costello et al. 2001; Egger and Angold, 2006; US Public Health Service, 2000), estimate that as many as 20% of American youth experience emotional and/or behavior problems. It’s also estimated that approximately 1 in 10 U.S. youth display some degree of more severe conduct problems (McMahon & Estes, 1997).

Considering these statistics, it’s clear that many parents are struggling with high levels of stress and lack of certainty regarding how to support their children in the development of emotional and behavioral health (Graf et al, 2014; Shapiro, et al, 2008). Supporting these concerns is the growing frequency and intensity of emotional and behavioral problems observed by classroom educators (Bromfield, 2006; Cotton, 1990; Daniels, 2009; Fideler & Haselkorn, 1999; Fields, 2000; Garret, 2014; Lundeen, 2002).

**The Intervention**

In 1974, Foster Cline, M.D., a child psychiatrist treating severely disturbed children, and Jim Fay, a classroom educator and successful administrator sought to integrate diverse theoretical perspectives with the goal of developing a set of practical
and effective strategies for helping parents support the emotional and behavioral health of their children. Their research-based approach was first formalized in the books *Parenting with Love and Logic* (Cline & Fay, 1990), *Parenting Teens with Love and Logic* (Cline & Fay, 1992) and *Teaching with Love and Logic* (Fay & Funk, 1995). Since that time, national and international demand for information on their approach has resulted in over 50 publications outlining its application to community parent-training initiatives and the improvement of academic achievement, parent-teacher relationships, classroom management, school-wide culture, and marriage relationships. Currently, over 12,000 trainers offer this approach in the U.S, England, Mexico, Canada, Argentina, Brazil, Norway, Israel, Australia and other countries.

Cerdorian (2006), in her study of 374 parents, observed that those completing Love and Logic parenting classes reported dramatic and statistically significant reductions in parenting stress and behavior problems from pre-test to post.

Overall, stress related to the parenting role significantly decreased for parents in both treatment groups. While overall, the stress level of the comparison group increased over the time of the study, the parents who attended classes were less stressed in their parenting role by the completion of classes. Among treatment group parents of children one month to 11 years, 44.9%, and treatment group parents of youth 11 to 18, 43.5%, had clinically significant stress levels prior to the intervention of parenting classes. This decreased to 23.9% and 27.8% respectively, after the set of classes was completed. The study also supported a statistically significant decrease in perceived problem behavior for parents of children one month to 11 years. (pp. 105-106)
Fay (2012) in a study of 2,409 parents representing a wide range of socio-economic and ethnic groups observed an 18% reduction in self-reported parenting stress (p<.001) and a 21% reduction in perceived child behavioral problems (p<.001) from pre-Love and Logic training to post. Statistically significant improvements (all p<.001) were also observed for the ratings listed below:

<table>
<thead>
<tr>
<th>Mean Ratings</th>
<th>Pre Love and Logic</th>
<th>Post Love and Logic</th>
</tr>
</thead>
<tbody>
<tr>
<td>I find myself staying calm when I have to discipline.</td>
<td>2.89</td>
<td>3.62</td>
</tr>
<tr>
<td>I find myself feeling really stressed out.</td>
<td>3.09</td>
<td>2.41</td>
</tr>
<tr>
<td>My child argues and talks back.</td>
<td>3.44</td>
<td>2.63</td>
</tr>
<tr>
<td>My child throws tantrums or “fits”</td>
<td>2.95</td>
<td>2.30</td>
</tr>
<tr>
<td>My child completes chores without reminders or pay.</td>
<td>2.38</td>
<td>2.85</td>
</tr>
</tbody>
</table>

Participants also provided qualitative responses to, “Identify the most valuable thing you learned in this class.” Select responses are included below:

- Remembering to whisper when I feel like yelling.
- Parenting is fun…not simply something to be endured.
- It’s so much easier to not get into power struggles and arguments now that I know the way to do it. I feel a lot more calm about discipline.
- This class has helped me calm down and not get so frustrated!
- How to control myself not my child. I react differently now and so does he. More positive interaction over conflict.
- Empathy, empathy, empathy! Because anger is my old pattern and because empathy helps me calmly think about appropriate actions/consequences.
- I loved it. I plan to bring my mother to a session. (p. 9)
**Literature Review**

The Love and Logic approach is based on the following process, integrating a wide array of established theory and research:

- **Parents perceive** the intervention as useful and practical.
- **Parents learn** how to:
  - **Nurture** positive and supportive relationships with their children.
  - **Teach** social and emotional competencies through modeling and instruction.
  - **Prevent** social and emotional problems rather than reacting with punishment.
  - **Establish** and reinforce appropriately high expectations.

**Educators also learn how to:**

- Children develop emotional and behavioral health/resiliency.
Parents perceive the intervention as useful and practical. Unfortunately, evidence-based approaches to parenting and classroom management are not always received with enthusiasm by those they are intended to help: parents and teachers. A common complaint is that these approaches take too much time and are impractical given the daily realities of homes and classrooms (Carnine, 1997; Kern & Manz, 2004).

The construct of social validity, according to Wolf (1978), defines the perceived value consumers place on a product. Interventions enjoying high social validity are not only perceived as being effective in experimentally controlled settings, but are also as viewed as needed and applicable within the serious time limitations experienced by today’s parents and educators (Albin et al., 1996; Graf et al, 2014; Kazdin et al, 1997; Schwartz & Baer, 1991; Spoth & Redmond, 1995; Witt & Elliott, 1985).

The international popularity of the Love and Logic approach suggests its social validity. Further, Clarke (2004), evaluating pre and post rating of parents trained in the approach observed that 91.4% of the 637 parents sampled reported imported improvements in their parental experience as a result of using the techniques learned in the course. 76.5% reported improvements in their children’s behavior. Anecdotes collected after the training also supported its perceived value:

I don’t fly off of the handle when dealing with him (son). I feel better instead of yelling all of the time. (p.1)

I sent my paperwork home to my mother, who is keeping my children while I am in prison. She is now using love and logic. She enjoys the techniques with the children. She also stated that it helps out a whole lot. (p.1)
Offering Love and Logic training to 22 High School teachers, Johnson (2014) observed the following:

There was a statistically significant change between pre- and post- study responses (p=.0004) regarding teachers’ perception of Love and Logic’s importance to the school, starting with 75 percent unsure of its importance but ending with 65 percent indicating that it was important or very important. Similarly, 85 percent of the participants were undecided about their feelings concerning Love and Logic prior to the study, but 90 percent felt positive or very positive about it after the study (p<.0001. (pp. 67-70)

**Parents learn to nurture positive and supportive parent-child relationships.**

The parent-child relationship is the single most powerful environmental factor affecting the life-long adjustment of children (Foshee & Bauman, 1994; Regalado and Halfon, 2002; Seeley, Stice, & Rohde, 2009; Sheeber, Hops, Alpert, Davis, & Andrews, 1997; Stice, Ragan, & Randall, 2004). In their recent study of 692 children grades 3rd, 4th and 9th Hazel, et al (2014) observed that those experiencing positive and supportive parent-child relationships were far less likely to succumb to stress-related mental illness and behavior problems when confronted with common developmental stressors.

The parent-child relationship has also been observed as a powerful factor reducing the likelihood of academic failure (Clark, Dogan & Akbar, 2003; Heaven & Newbury, 2004; Robertson & Reynolds, 2010), drug use and other forms of delinquency (Huebner & Betts, 2002; Laundra, Kiger & Bahr, 2002), sexual risk-taking (Huebner & Howell, 2003; Ream & Savin-Williams, 2005; Karofsky, Zeng & Kosorok, 2000) and
Evidence strongly suggests that healthy parent-child relationships are most effectively fostered when parents employ a dynamic balance between providing affection and necessary limits (Dishion 1990; Eisenberg and Murphy, 1995; Grusec & Goodnow, 1994; Maccoby & Martin, 1983; Richaud, Mesurado & Lemos, 2013). These findings support Baumrind’s (1991; 1996) observation that effective parents employ an authoritative style rather than an authoritarian or permissive one. Cline and Fay (1990), two founding members of the Love and Logic process, encourage parents to adopt a “consultant” style of parenting, closely resembling Baumrind’s authoritative style:

Love and Logic parents avoid the helicopter and drill sergeant mentalities by using a consultant style of parenting as early as possible in the child’s life. They ask their children questions and offer choices. Instead of telling their children what to do, they put the burden of decision making on their kid’s shoulders. They establish options within limits. Thus, by the time the children become teens, they are used to making good decisions (p. 27).

We as parents must show our empathy…our sincere loving concern…when the consequences hit. That’s what drives the lesson home with our children without making them feel as though we’re not “on their side.” (p.103).

Parents learn to teach social and emotional competencies. Children are not born with the social and emotional skills required for success in life. When young people are explicitly shown these skills, are given opportunities to practice, and receive supportive feedback, dramatic improvements are often demonstrated in a variety of areas, including social skills (Gresham, Bao, & Cook 2006) and anger management (Barnoski, 2004; Glick, & Gibbs, 2011; Mitchell 2009).
More specifically, children must be given opportunities to observe and practice problem-solving skills. These opportunities require that (1) caring adults teach these competencies through modeling, instruction and coaching; and (2) children are allowed to solve the problems they create. (Foster, Prinz & O’Leary; 1983; Kerr & Bowen, 1988) and children enjoy opportunities to develop self-efficacy (Bandura, 1977).

Spivak and Sure (1974) in their pioneering research on social problem-solving, have noted that modeling and direct instruction are key strategies for teaching problem-solving skills. Similar propositions have been made by Bandura, 1976; Bandura & Jeffery, 1973; Cormier & Cormier (1991). Therefore, the Love and Logic approach gives parents specific guidelines for using modeling, direct instruction and feedback to teach the following problem-solving process:

1. Identify and define the problem.
2. Brainstorm solutions.
3. Evaluate each solution.
4. Implement the solution chosen.

Research supporting this problem-solving model is supported by D’Zurilla (1986), as well as Cormier and Cormier (1991).

**Parents learn to prevent social and emotional problems.** Highly effective approaches focus primarily on prevention, while less effective ones focus on punishment (Clunies-Ross et al, 2008; Lewis, Sugai & Colvin, 1998; Mayer & Sulzer-Azaroff, 1991). Interventions targeting the development of positive, supportive and structured home environments provide powerful and cost effective opportunities to prevent many of the social, emotional, behavioral and academic problems facing our youth (Englund,
Schroeder and Kelley (2009) note:

An accumulating body of literature has shown that positive parenting characterized by warmth, sensitivity, expressiveness, and adequate limit setting is associated with children’s inhibition and ability to maintain attention (Eisenberg et al. 2005), self-control (Le Cuyer-Maus and Houck 2002), and behavior problems (Bradley and Corwyn 2005). (p.228)

Schroeder and Kelly’s (2009) data corroborates these findings, showing significant and positive relationships between parental warmth, limits and structure and the development of metacognitive skills essential for self-control. Clearly, many emotional and behavioral problems can be successfully managed, or prevented altogether, when parents (and educators) provide supportive relationships, caring climates, clear boundaries, supervision, appropriate consequences for violating boundaries, high yet developmentally appropriate expectations, and other resiliency factors (Barber & Olson, 1997; Benson et al,1994; Benson, 2006; Larson, et al, 2004).

Parents learn how to establish and reinforce appropriately high expectations.

High expectations are essential to the prevention of emotional, behavioral and academic problems in both home and school environments. While Rosenthal’s and Jacobson’s (1968) classic Pygmalion study has been questioned on methodological grounds, the overall body of research conducted since that time clearly shows that the cultures of highly successful schools and homes are epitomized by high expectations (Bond & Saunders, 1999; Eccles, Wigfield, & Schiefele, 1998; Englund, Luckner, Whaley, &
Egeland, 2004; Fan & Chen, 2001; Flouril, & Hawkes, 2008; Ganzach, 2000; Goyette & Xie, 1999; Good, & Nichols, 2001; Juang & Silbereisen, 2002; Mistry, 2007; Sandefur, Meier, & Campbell, 2006; Zhang, Haddad, Torres, & Chuansheng, 2011). Notably, Doren, Gau and Lindstrom (2012) followed a nationally representative sample of over eleven thousand 13- to 17-year-old special education students and their parents. Those whose parents communicated high expectations were at least twice as likely to graduate from high school, obtain a job and engage in post-secondary education.

Educators and parents “speak the same language.” The challenges facing children are complex and multidimensional, affected by a variety of interacting systems. As such, intervention programs are far more likely to achieve effective and sustainable outcomes when they take a social-ecological perspective (Bronfenbrenner, 1979; Bronfenbrenner & Morris, 2006; Minuchin, 1985; Salzinger, Feldman, Stockhammer, & Hood, 2001) where protective factors are promoted in both the family and the school systems.

Crowe (2013), in a longitudinal study of 1,364 children in ten U.S. communities observed that home-school cooperation in children’s education, particularly when this cooperation begins early in the child’s school career, contributes to significantly improved school success. Love and Logic approach places heavy emphasis on the development of cooperative and consistent home and school environments where parents and educators are “speaking the same language” and working toward the same goal of fostering emotional and behavioral health among children and teens.
Training elementary school teachers, Weir (1997) observed high levels of teacher “buy-in” and use of the program in this school. After implementing this program: (a) 87% of teachers reported having more effective tools for managing student behavior; (b) 84% reported improved relationships with their students; (c) 68% reported decreased time spent managing behavior disruptions; (d) 71% reported increased time spent teaching curriculum; and (e) 82% reported having more control over discipline. Weir also observed a 48% decrease in the number of main office referrals for discipline during the first year this school applied the *Love and Logic* program.

Ridgeview Global studies academy is a charter elementary school in central Florida with over 600 students, grades k – 5. During the 2001-2002 school year, staff were trained in the Love and Logic approach (Frier, 2003). After making this one change dramatic improvement was observed: Referrals to the office for misbehavior decreased from 380 during the 2000 – 2001 school year to 116 during the 2002-2003 school year. A large reduction in referrals related to misbehavior on the school busses was also noted: 509 (2000-2001 school year) reduced to 142 (2002-2003 school year.)

Spencer (2008), in a pilot study of 33 schools in Georgia provided Love and Logic teacher training across elementary, middle and high school levels:

75% of those trained agreed that Love and Logic “Positively impacts my school’s learning environment”

71% agreed that the program “Positively impacts student achievement in my school.”

75% agreed that “Instructional time is maximized throughout my school.”

Using single-subject methodology, Mckenna (1997) examined the effects of a Love and Logic on a nine-year-old student’s academic motivation, personal hygiene,
classroom behavior, general demeanor, and self-concept. Teacher ratings and anecdotal observations revealed improved personal hygiene, an elevated frequency of positive peer and adult interactions and increased rates of homework completion. Pre and post test scores on the Pierrs-Harris Self-Concept scale revealed a statistically significant 16-point improvement over the course of intervention.

Fay (2007) examined the results of training nearly 1,000 elementary and middle school teachers in the Love and Logic approach. Pre-test to post ratings revealed statistically significant (all p<.001) for the ratings listed below:

<table>
<thead>
<tr>
<th>Mean Ratings</th>
<th>Pre Love and Logic</th>
<th>Post Love and Logic</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>The most behaviorally challenging students:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>argue with me</td>
<td>3.18</td>
<td>2.74</td>
</tr>
<tr>
<td>interrupt me</td>
<td>3.78</td>
<td>3.00</td>
</tr>
<tr>
<td>cooperate with me</td>
<td>2.92</td>
<td>3.37</td>
</tr>
<tr>
<td>refuse to do their work</td>
<td>3.04</td>
<td>2.59</td>
</tr>
<tr>
<td>solve their own problems with guidance</td>
<td>2.80</td>
<td>3.43</td>
</tr>
<tr>
<td><strong>As an educator I find myself:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>being really stressed out and exhausted</td>
<td>2.85</td>
<td>2.42</td>
</tr>
<tr>
<td>feeling confident that I can handle discipline problems</td>
<td>3.62</td>
<td>4.09</td>
</tr>
<tr>
<td>enjoying good relationships with challenging students</td>
<td>3.59</td>
<td>3.99</td>
</tr>
</tbody>
</table>
Recently, Johnson (2014) trained 22 High School teachers in the Love and Logic approach. Each was asked to provide ratings pre-training and post. Results of quantitative analyses revealed the following:

<table>
<thead>
<tr>
<th>Statement</th>
<th>$L$</th>
<th>$p$</th>
</tr>
</thead>
<tbody>
<tr>
<td>I have a successful process to help disruptive students recover so they can get back on task.</td>
<td>6.64</td>
<td>&lt;.0001</td>
</tr>
<tr>
<td>I enjoy students, even behaviorally challenging ones.</td>
<td>4.23</td>
<td>0.003</td>
</tr>
<tr>
<td>I am skilled with preventative interventions for a variety of student misbehaviors.</td>
<td>5.74</td>
<td>&lt;.0001</td>
</tr>
<tr>
<td>I feel stressed because of problems with students.</td>
<td>-2.30</td>
<td>.0314</td>
</tr>
<tr>
<td>I am successful with students who get argumentative.</td>
<td>6.14</td>
<td>&lt;.0001</td>
</tr>
</tbody>
</table>

Qualitative data also provided some promising results:

Many indicated that the technique worked in their classroom and beyond by stating that they had “learned a better way to speak to students and others,” that it deescalated defensiveness and rebellion in students and others, and that it “had a positive impact on classes of students at school and at church.” Many pointed out that it had a positive effect on their most challenging students, those they generally struggled to reach. For example, one participant commented, “I learned that I can’t force anyone to do anything, so I have to reword my statements so that I can actually enforce them.” (p. 83)
Theoratical Roots of the Love and Logic approach

The Love and Logic Theory is the result of over four decades of clinical practice and research integrating five theoretical perspectives:

- **Behavioral Theory**
- **Social Learning Theory**
- **Resiliency Theories**
- **Relationship and Human Need Theories**
- **Cognitive and Attribution Theories**

**Love and Logic Theory**

- **Build** positive adult-child relationships.
- **Help** children see that they are capable if they persevere.
- **Share** control within limits that communicate high expectations.
- **Teach** problem-solving and pro-social behavior.
- **Provide** accountability with high levels of sincere empathy.
**Behavioral theories.** Antecedent and other contextual stimuli develop the ability to cue emotional and behavioral processes through the dynamic interplay between classical and operant conditioning (Pavlov, 1927; Skinner, 1953; 1974; Thorndike, 1911; and Watson & Rayner, 1920). As such, Fay and Cline argue that effective home and school interventions must address the role played by adults in these conditioning processes. Some primary objectives of the Love and Logic approach are as follows:

- Parents and teachers are paired with positive emotions and outcomes, so that they automatically elicit these responses in the children they care for.
- Academic learning and responsible behavior are also paired with positive emotions and outcomes, so that books and good behavior automatically elicit these emotions.
- Youth learn through wise application of reinforcement principles that good behavior is far more rewarding than bad.
- Once desired behaviors are established, maintenance and generalization is enhanced through the use of variable reinforcement schedules (Ferster & Skinner, 1957) and social reinforcement (Hall, Lund & Jackson, 1968).

While behavioral theories and associated practices provide powerful strategies for establishing and maintaining desired behaviors, Fay and Cline were concerned with their inability to adequately address the roles played by vicarious learning and underlying cognitive and emotional processes. Therefore, they sought to address these potential shortcomings by integrating additional theory and research.

**Social Learning Theory.** In their classic study Bandura, Ross and Ross (1961) observed that children watching vignettes of an actor hitting a “Bobo” doll were more likely to exhibit aggressive behavior themselves. In later investigations, Bandura also documented that modeling results in far more than simple mimicry; children learn complex rules governing cause and effect by simply observing those around them.
Based on these observations, Fay and Cline propose the following:

- What we do is at least as important as what we say.

- Therefore, highly Love and Logic parents and educators place a heavily emphasis on controlling their *own* behavior so that they can remain effective models.

- Effective parents and educators also engage in healthy self-care, including the appropriate setting and enforcement of boundaries, so they can remain positive models.

**Cognitive and Attribution Theories.** Social Learning Theory provides a bridge from traditional behavioral theory to approaches recognizing the role played by cognitive processes. Of great interest is the construct of vicarious reinforcement, where the likelihood of an observed behavior being copied is a function of whether it was observed being rewarded (Bandura, 1965; Bandura, Ross & Ross, 1963; Bandura, et al, 1967).

Clearly this type of learning requires complex cognitive processes.

Rescorla (1988) also provides compelling evidence regarding the role played by cognition in basic conditioning processes, arguing that the "information value" of stimuli may be more important than the precise temporal connection between them. Stated simply, stimuli that consistently predict certain events are more likely to leave us believing that they are important. When parents and educators consistently enforce the limits they set, these stated limits gain high information value.

These provocative finding have particular relevance when considering the subject of child maltreatment. A common argument made by proponents of strict behaviorism is that consequences must be provided immediately after an infraction. Fay and Cline contend that a significant portion of abuse in homes (and schools) results from parents...
trying to provide discipline in the “heat of the moment.” Rescorla’s work suggests otherwise. As a result, the Love and Logic approach emphasizes:

- When you are too angry to think straight, delay the consequence.
- Effective parents and educators are most concerned with providing appropriate consequences that teach pro-social behavior, than administering quick ones that may or may not achieve this goal.
- The “information value” of a parent or teacher’s words is more important than how quickly they provide consequences. Too many adults make rash threats are find that they are unable to follow through on the discipline they promise. Under these circumstances, they attempts to provide immediate consequences actually undermine their disciplinary goals.
- When children observe adults controlling their own behavior by delaying action until they are calm, they have an opportunity to learn these same self-regulation skills.

Festinger’s (1957) theory of Cognitive Dissonance has significantly shaped the Love and Logic theory of change, particularly as it applies to modifying children’s attitudes toward academic achievement and positive behavior. According to Festinger, an uncomfortable state of “cognitive dissonance” develops when individuals perform behaviors inconsistent with their beliefs. To relieve this discomfort, a person has two basic options: (1) stop performing the behavior; or (2) change one’s beliefs to align with the behavior. Practical implications of this theory present themselves when attribution processes are considered. Attitude change resulting from cognitive dissonance is less likely to occur when individuals are able to attribute the inconsistent behavior to external pressures or temptations. Conversely, beliefs are more likely to align with new behavior when individuals such external sources of justification are absent.

A study by Aronson and Carlsmith (1963) demonstrated these processes at work in an early childhood classroom. Both groups of children were told not to play with a newly
introduced toy. One group was warned of significant consequences if they broke the rule. A second group was warned of only mild consequences for breaking this rule. Not surprisingly, the children warned of more significant consequences rated the toy as being far more appealing than those warned of only mild ones. From a theoretical standpoint, dissonance was reduced in the significant consequence group because the children were able to reason, “If I played with the toy knowing that I would be in big trouble, that toy must really be something special! How could I help myself?”

As a result of these and other findings, the Love and Logic theory of change places heavy emphasis on the following:

- Effective parents and educators avoid providing threats and lectures, because doing so provides children with an opportunity to attribute rule breaking and rule following to external variables, rather than new and more positive attitudes.

- Effective parents and educators also rely as little as possible on promising children tangible rewards for desired behavior. While appropriate in certain circumstances, doing so does provides an opportunity for young people to attribute their good behavior to the promised reward rather than a changed mind.

- Behavior and attitude change is primarily achieved by allowing children to learn from modeling, direct instruction, positive feedback on performance and opportunities to solve the problems they create.

Attributions also have a powerful impact on academic achievement motivation. According to Weiner (1979), high achievers are more likely to attribute their performance to controllable factors, such their level of effort or perseverance. Low achievers, in contrast, tend to their attribute performance to uncontrollable factors, such as luck, the actions of others, or intelligence. A strong body of research has consistently supported

Interestingly, Mueller and Dweck (1998) observed a consistent effect across six studies: Children praised for ability were less likely to persevere when confronted with difficult tasks, displayed less enjoyment of such tasks and actually performed more poorly than those who’ve received feedback emphasizing effort.

Based on this body of research, the Love and Logic theory of change posits the following:

- The focus must be placed on helping children see the contribution of personal effort and perseverance to achievement.
- Effective parents and educators replace feedback like, “That’s great! You are so smart” with “How did you achieve that? Did you work really hard or keep trying?”
- Adults model healthy attributions by thinking out loud around young people, allowing them to overhear statements like, “This was really hard for me, but I’m glad that I kept trying.”

**Relationship and human need theories.** The Love and Logic theory of change was strongly shaped by the clinical experiences of Fay and Cline suggesting that treatment gains and maintenance of such gains suffered when underlying physical and emotional needs were not considered. Converging with this clinical experience is the work of Maslow (1943), Glasser (1969) and Rogers (1957; 1961), suggesting that optimal outcomes are only possible when such needs are met within the context of supportive, accepting relationships. Supporting this early theory is the strong body of research addressed above documenting the supreme importance of positive parent-child and
teacher-student relationships. Therefore, the Love and Logic theory of change proposes the following:

- Positive relationships are inherently therapeutic.

- Parents and educators must understand that the effectiveness of all interventions hinges on the quality of the adult-child relationship and the child’s social connection with the classroom and family team.

- Children must feel physically and emotionally safe. Otherwise, these needs will take precedence over pro-social behavior and academic motivation.

- Parents and educators must allow children to experience freedom within appropriate developmental limits.

- Effective educators and parents help build self-efficacy by guiding children toward genuine, effort-based success experiences.

- Effective educators and parents have fun while teaching and parenting, and they help children see that learning and behaving can be enjoyable.
**Resiliency Theories.** Benson, Galbraith and Espeland (1995) in their study of 270,000 students grades six through twelve, observed a number of “developmental assets” which help children avoid academic failure, emotional problems, criminal behavior, substance abuse, and other negative outcomes. Similar findings have been obtained by others (see Garmezy, 1994; Luthar & Zigler, 1991; Masten & Coatsworth, 1998; Werner & Smith, 1992). Resiliency factors directly addressed by the Love and Logic theory of change are as follows:

- Highly supportive and loving families and schools.
- Parents who establish open communication with their children.
- Positive parent-teacher relationships and parent involvement.
- Positive school climate.
- Appropriate standards for behavior at home and school (i.e., limits).
- Positive school and parental discipline.
- Positive relationships between children and adults other than parents.
- Learning to use empathy with others.
- Decision-making skills.
- Self-esteem.
Current Research Initiative

At this time, ongoing research is being conducted, continuing to examine the effectiveness of the Love and Logic parent and educator training programs using quasi-experimental methods. If you are interested in participating, please contact Dr. Charles Fay at drcfay@loveandlogic.com.
References


