



Instructions on Scoring the LST Parent Program Survey

Section II includes 10 items that assess Drug Knowledge. The correct answers are as follows:

1. Most lung cancer cases are linked to cigarette smoking. (TRUE)
2. Individuals who begin using drugs at age 12 to 15 are at highest risk for developing addictions later. (TRUE)
3. Cigarette smoking is physically and psychologically addictive. (TRUE)
4. Most adults smoke cigarettes on a daily basis. (FALSE)
5. Most adults use marijuana once a month or more. (FALSE)
6. Adolescent drug use in the United States is the highest in the developed world. (TRUE)
7. Providing facts about cigarettes, alcohol, marijuana and other drugs can actually lead to drug use due to increased curiosity. (TRUE)
8. Experimentation with drugs typically begins with the use of cigarettes and alcohol. (TRUE)
9. All types of adolescents experiment with drugs. (TRUE)
10. Few adolescents engage in alcohol, tobacco and other drug use. (FALSE)

The summary score for Drug Knowledge is the sum of the items answered correctly.

Section III includes 9 items that assess Pro-Drug Attitudes. The best answer for each item is “Strongly Disagree.” To compute a summary score, take the average of the items for that scale. For example, add up the responses to the 9 items, then divide that sum by 9 to arrive at the summary score for Pro-Drug Attitudes. Lower scores are more desirable, and a decrease in scores from before to after the intervention would be a positive outcome for the LST Parent Program.

Section IV assesses several Parenting variables:

- 1) Parental Role Modeling, a scale that included six items assessing the frequency with which parents model appropriate behaviors such as demonstrate positive self-esteem, and standing up for one’s own rights;
- 2) Parental Discipline, a scale that included seven items assessing the frequency with which parents engaged in disciplinary behavior with their children, such as enforcing clear rules and reinforcing positive behaviors;
- 3) Parental Communication, a five item scale that assessed the frequency with which parents talk to their child about important issues and whether parents make themselves available for open communication;
- 4) Parental Monitoring, a four item scale that assessed the frequency with which parents keep track of their child’s whereabouts and daily activities;



5) Setting an Anti-Drug Message, a five item scale that assessed the frequency with which parents tell their child that they do not want them to become involved in substance use.

Table 1. Section IV Parenting Variables - Worksheet	
	Survey Response
<u>Parental Role Model Behavior</u>	
I share and teach good values to my child.	
By dealing with stress appropriately, I set good examples for my child.	
I demonstrate my own sense of positive self-esteem in order to influence my child's self-esteem.	
I talk to my child about NOT using drugs.	
I surround my child with others who model appropriate behaviors.	
I stand up for my rights when I feel they are violated.	
Summary Score is the average of the above 6 items	
<u>Parental Discipline</u>	
I remain calm and in control when my child misbehaves.	
I help my child to figure out solutions their own problems.	
I enforce clear rules that spell out what I expect my child to do and not to do.	
I am consistent in disciplining my child for undesirable behaviors.	
I match the punishment to how serious my child's undesirable behavior is.	
I reinforce positive behavior through praise and reward.	
I listen carefully to my child helping him/her to use words to express his/her feelings.	
Summary Score is the average of the above 7 items	
<u>Parental Communication</u>	
I create a safe environment for my child to approach me about his/her concerns.	
I initiate family meetings to discuss problems or issues my child might be dealing with.	
I talk to my child about family rules about alcohol, tobacco and other drug use.	
I talk to my child about how to refuse an offer from peers to use drugs.	
I talk to my child about ways to handle stress in his/her life without the use of cigarettes, alcohol or marijuana.	
Summary Score is the average of the above 5 items	
<u>Parental Monitoring</u>	
I am aware of my child's after-school activities.	
I am aware of my child's whereabouts on weekends.	
I set a clear curfew time for when my child is required to be home.	
I closely monitor my child's daily activities.	
Summary Score is the average of the above 4 items	
<u>Anti-Drug Message</u>	
I tell my child that I do not want him/her to use cigarettes.	
I tell my child that I do not want him/her to use alcohol.	
I tell my child that I do not want him/her to use marijuana.	



I talk to my child about the risks of using tobacco, alcohol and other drugs.	
I tell my child that I would be disappointed if he/she used drugs.	
Summary Score is the average of the above 5 items	

Calculating Summary Scores using the Worksheet

You can use the worksheet in Table 1 above to calculate summary scores for the parenting variables. For each of the items listed in Table 1, find the relevant question from the parent survey and write it the parent's response in the box on the right. Summary scores can be calculated by taking the average of the items for that scale. For example, one would add up the responses to the 7 items measuring Parental Discipline, then divide that sum by 7 to arrive at the score for Parental Discipline.

You may notice that not all of the items on the initial survey you received are included in the scoring. This is because we have done additional work to improve the psychometric properties of the Parent Survey since we initially distributed it, and we recommend that you create summary scores based on the items in Table 1.

Psychometric Properties

In order to examine the psychometric properties of the scales on the LST Parent Survey, two reliability statistics were calculated for each scale. First, Cronbach's Alpha, a measure of the internal consistency of items within a scale, was computed based on the average inter-item correlation. Test-retest reliability is a measure of how reliable a scale is over time. Table 2 indicates that each of the scales had good to excellent psychometric properties.

Table 2. Descriptive Statistics and Reliabilities for Parent Measures (N = 338)

	Items	M	SD	Cronbach Alpha	Test-Retest
Parental Role Modeling	6	4.24	0.45	.786	.777
Parental Discipline	7	4.10	0.48	.826	.665
Parental Communication	5	3.96	0.67	.790	.721
Parental Monitoring	4	4.86	0.29	.731	.550
Setting an Anti-Drug Message	5	4.55	0.54	.875	.653

Note: Test-retest correlations based on control group participants only (N = 192), over 15 weeks