

Attachments

Table 1. A comparison of selected responses to the PRE survey and the POST survey including data from all schools at Socorro District. All counts refer to correct answers. There were a total of 886 respondents to the PRE survey and 790 respondents to the POST survey (Attachment 1).

SURVEY ITEM	PRE COUNT (%)	POST COUNT (%)	P- VALUE
1. It is not important to let pharmacists/physicians know about medications.	759 (80.4%)	693 (84.3%)	0.0323
2. Reading Medication labels is not crucial.	674 (71.4%)	678 (82.5%)	<.0001
3. Medication dosage depends on age and weight.	739 (78.3%)	755 (91.8%)	<.0001
4. Medications do not cause allergies.	755 (80.0%)	722 (87.8%)	<.0001
5. Schools do allow medications with students.	501 (53.1%)	471 (57.3%)	0.0749
6. Parents allow medication at school.	774 (82.0%)	575 (69.9%)	<.0001
7. All drugs are alike.	814 (86.2%)	755 (91.8%)	0.0002
8. Drugs are chemicals that change the way our bodies work and are transported to the blood.	396 (41.9%)	335 (40.8%)	0.6111
9. Alcohol is a depressant, a liquid and a drug.	592 (62.7%)	573 (69.7%)	0.0020
10. Alcohol can poison you.	810 (85.8%)	744 (90.5%)	0.0024
11. Diet pills are amphetamines.	530 (56.1%)	511 (62.2%)	0.0103
12. Uppers, Downers, bennies are all amphetamines.	351 (37.2%)	441 (53.7%)	<.0001
13. Mood swings are amphetamine symptoms.	604 (64.0%)	544 (66.2%)	0.3343
14. Cocaine and crack are the same.	460 (48.7%)	358 (43.6%)	0.0296
15. Cocaine is lethal.	704 (74.6%)	645 (78.5%)	0.0548
16. XTC, X, Adam, E, Roll are all forms of diet pills.	470 (49.8%)	483 (58.8%)	0.0002
17. Friends should keep secrets even if they are harmful to their families.	782 (82.8%)	714 (86.9%)	0.0191
18. Do you seek help everywhere?	600 (63.6%)	610 (74.2%)	<.0001
21. The key to good relationships is good communication.	844 (89.4%)	773 (94.0%)	0.0005
23. It is okay to share combs?	837 (88.7%)	784 (95.4%)	<.0001
25. What number do you call in case of emergency?	925 (98.0%)	819 (99.6%)	0.0018
26. The parts of the food guide pyramid include meat, beans and vegetables.	622 (65.9%)	642 (78.1%)	<.0001
27. It is better to drink sweetened juices (with sugar).	796 (4.3%)	766 (93.2%)	<.0001
28. White rice is healthier than brown rice.	302 (32.0%)	579 (70.4%)	<.0001
29. Lentils and beans are proteins.	745 (78.9%)	743 (90.4%)	<.0001
30. Calcium is found in milk.	839 (88.9%)	788 (95.9%)	<.0001
32. The best diet is none.	340 (36.0%)	419 (51.0%)	<.0001

Table 2. A comparison of selected responses to the PRE survey and the POST survey including data from only the Canutillo School District. All counts refer to correct answers. There were a total of 355 respondents to the PRE survey and 349 respondents to the POST survey. Spring 2008. Attachment 2.

SURVEY ITEM	PRE COUNT (%)	POST COUNT (%)	P- VALUE
1. It is not important to let pharmacists/physicians know about medications.	298 (83.9)	305 (87.4)	0.0367
2. Reading Medication labels is not crucial.	299 (84.2)	314 (90.0)	0.0068
3. Medication dosage depends on age and weight.	309 (87.0)	315 (90.3)	0.0386
4. Medications do not cause allergies.	294 (82.8)	308 (88.3)	0.0105
5. Schools do allow medications with students.	240 (68.0)	244 (69.9)	0.0521
6. Parents allow medication at school.	238 (67.0)	243 (69.6)	0.0493
7. All drugs are alike.	331 (93.2)	326 (93.4)	0.1194
8. Drugs are chemicals that change the way our bodies work and are transported to the blood.	169 (47.6)	229 (65.6)	<0.0001
9. Alcohol is a depressant, a liquid and a drug.	226 (63.7)	264 (75.6)	<0.0001
10. Alcohol can poison you.	294 (82.8)	322 (92.3)	<0.0001
11. Diet pills are amphetamines.	237 (66.8)	267 (76.5)	0.0011
12. Uppers, Downers, bennies are all amphetamines.	183 (51.6)	209 (59.9)	0.0051
13. Mood swings are amphetamine symptoms.	228 (64.2)	277 (79.4)	<0.0001
14. Cocaine and crack are the same.	192 (54.1)	104 (29.8)	<0.0001
15. Cocaine is lethal.	273 (76.9)	298 (85.4)	0.0012
16. XTC, X, Adam, E, Roll are all forms of diet pills.	202 (56.9)	246 (70.5)	<0.0001
17. Friends should keep secrets even if they are harmful to their families.	283 (79.7)	316 (90.5)	<0.0001
18. Do you seek everywhere?	219 (61.7)	270 (77.4)	<0.0001
21. The key to good relationships is good communication.	320 (90.4)	329 (94.3)	0.0141
23. It is okay to share combs?	326 (91.8)	330 (94.6)	0.0430

24.It is embarrassing to speak to parents about health issues.	228 (65.1)	244 (70.5)	0.0205
25. What number do you call in case of emergency?	353 (99.4)	349 (100.0)	0.2539
26. The parts of the food guide pyramid include meat, beans and vegetables.	262 (73.8)	214 (61.3)	<0.0001
27. It is better to drink sweetened juices (with sugar).	319 (89.9)	318 (91.1)	0.0871
28. White rice is healthier than brown rice.	140 (39.4)	175 (50.1)	0.0010
29. Lentils and beans are proteins.	313 (88.2)	312 (89.4)	0.0833
30. Calcium is found in milk.	339 (95.5)	331 (94.8)	0.1286
32. The best diet is none.	151 (42.5)	270 (77.4)	<0.0001
35. The DEA is the federal agency responsible for approving use of medicines.	127 (35.8)	200 (57.3)	<0.0001
36. Cough medicines are not dangerous.	234 (65.9)	278 (79.7)	<0.0001
37. Marijuana does not cause memory loss.	277 (78.0)	261 (74.8)	0.0424
38. Heroin is a narcotic (addictive drug)	314 (88.5)	325 (93.1)	0.0106

Table 3. A comparison of selected responses to the PRE survey and the POST survey including data from Ysleta School District. All counts refer to correct answers. There were a total of 1525 respondents to the PRE survey and 1877 respondents to the POST survey. Spring 2008. Attachment 3

SURVEY ITEM	PRE COUNT (%)	POST COUNT (%)	P- VALUE
1. It is not important to let pharmacists/physicians know about medications.	1218 (79.9)	1553 (82.7)	0.0036
2. Reading Medication labels is not crucial.	1095 (71.8)	1458 (77.7)	<0.0001
3. Medication dosage depends on age and weight.	1242 (81.4)	1644 (87.6)	<0.0001

4. Medications do not cause allergies.	1135 (74.4)	1553 (82.7)	<0.0001
5. Schools do allow medications with students.	843 (55.3)	1072 (57.1)	0.0156
6. Parents allow medication at school.	1032 (67.7)	1245 (66.3)	0.0208
7. All drugs are alike.	1275 (83.6)	1675 (89.2)	<0.0001
8. Drugs are chemicals that change the way our bodies work and are transported to the blood.	731 (47.9)	1013 (54.0)	<0.0001
9. Alcohol is a depressant, a liquid and a drug.	928 (60.9)	1305 (69.5)	<0.0001
10. Alcohol can poison you.	1190 (79.0)	1721 (91.7)	<0.0001
11. Diet pills are amphetamines.	947 (62.1)	1307 (69.6)	<0.0001
12. Uppers, Downers, bennies are all amphetamines.	790 (51.8)	1175 (62.6)	<0.0001
13. Mood swings are amphetamine symptoms.	1018 (66.8)	1379 (73.5)	<0.0001
14. Cocaine and crack are the same.	687 (45.1)	929 (49.5)	<0.0001
15. Cocaine is lethal.	1074 (70.4)	1461 (77.8)	<0.0001
16. XTC, X, Adam, E, Roll are all forms of diet pills.	764 (50.1)	930 (49.6)	0.0261
17. Friends should keep secrets even if they are harmful to their families.	1188 (77.9)	1679 (89.5)	<0.0001
18. Do you seek everywhere?	1003 (65.8)	1385 (73.8)	<0.0001
21. The key to good relationships is good communication.	1417 (92.9)	1772 (94.4)	0.0116
23. It is okay to share combs?	1398 (91.7)	1722 (91.7)	0.0497
24. It is embarrassing to speak to parents about health issues.	900 (60.3)	1103 (59.6)	0.0258
25. What number do you call in case of emergency?	1510 (99.0)	1861 (99.2)	0.1319
26. The parts of the food guide pyramid include meat, beans and vegetables.	1101 (72.2)	1400 (74.6)	0.0091
27. It is better to drink sweetened juices (with sugar).	1299 (85.2)	1665 (88.7)	<0.0001
28. White rice is healthier than brown rice.	644 (42.2)	1074 (57.2)	<0.0001

29. Lentils and beans are proteins.	1251 (82.0)	1666 (88.7)	<0.0001
30. Calcium is found in milk.	1350 (88.5)	1766 (94.1)	<0.0001
32. The best diet is none.	621 (40.7)	981 (52.3)	<0.0001
35. The DEA is the federal agency responsible for approving use of medicines.	431 (28.3)	649 (34.6)	<0.0001
36. Cough medicines are not dangerous.	868 (56.9)	1300 (69.3)	<0.0001
37. Marijuana does not cause memory loss.	1086 (71.2)	1433 (76.4)	<0.0001
38. Heroin is a narcotic (addictive drug)	1225 (80.3)	1598 (85.1)	<0.0001

Table 4. A comparison of selected responses to the PRE survey and the POST survey including data from all schools. All counts refer to correct answers. There were a total of 1880 respondents to the PRE survey and 2226 respondents to the POST survey. Spring 2008. Attachment 4

SURVEY ITEM	PRE X COUNT (%)	POST COUNT (%)	P- VALUE
1. It is not important to let pharmacists/physicians know about medications.	1516 (80.6)	1858 (83.5)	0.0020
2. Reading Medication labels are not crucial.	1394 (74.2)	1772 (79.6)	<0.0001
3. Medication dosage depends on age and weight.	1551 (82.5)	1959 (88.0)	<0.0001
4. Medications do not cause allergies.	1429 (76.0)	1861 (83.6)	<0.0001
5. Schools do allow medications with students.	1083 (57.6)	1316 (59.1)	0.0157
6. Parents allow medication at school.	1270 (67.6)	1488 (66.9)	0.0237
7. All drugs are alike.	1606 (85.4)	2001 (89.9)	<0.0001
8. Drugs are chemicals that change the way our bodies work and are transported to the blood.	900 (47.9)	1242 (55.8)	<0.0001
9. Alcohol is a depressant, a liquid and a drug.	1154 (61.4)	1569 (70.5)	<0.0001

10. Alcohol can poison you.	1484 (78.9)	2043 (91.8)	<0.0001
11. Diet pills are amphetamines.	1184 (63.0)	1574 (70.7)	<0.0001
12. Uppers, Downers, bennies are all amphetamines.	973 (51.8)	1384 (62.2)	<0.0001
13. Mood swings are amphetamine symptoms.	1246 (66.3)	1656 (74.4)	<0.0001
14. Cocaine and crack are the same.	879 (46.8)	1033 (46.4)	0.0244
15. Cocaine is lethal.	1347 (71.7)	1759 (79.0)	<0.0001
16. XTC, X, Adam, E, Roll are all forms of diet pills.	966 (51.4)	1176 (52.8)	0.0163
17. Friends should keep secrets even if they are harmful to their families.	1471 (78.2)	1995 (89.6)	<0.0001
18. Do you seek everywhere?	1222 (65.0)	1655 (74.4)	<0.0001
21. The key to good relationships is good communication.	1737 (92.4)	2101 (94.4)	0.0019
23. It is okay to share combs?	1724 (91.7)	2052 (92.2)	0.0391
24. It is embarrassing to speak to parents about health issues.	1128 (61.2)	1347 (61.3)	0.0258
25. What number do you call in case of emergency?	1863 (99.1)	2210 (99.3)	0.1112
26. The parts of the food guide pyramid include meat, beans and vegetables.	1363 (72.5)	1614 (72.5)	0.0280
27. It is better to drink sweetened juices (with sugar).	1618 (88.1)	1983 (89.1)	<0.0001
28. White rice is healthier than brown rice.	784 (41.7)	1249 (56.1)	<0.0001
29. Lentils and beans are proteins.	1564 (83.2)	1978 (88.9)	<0.0001
30. Calcium is found in milk.	1689 (89.8)	2097 (94.2)	<0.0001
32. The best diet is none.	772 (41.1)	1251 (56.2)	<0.0001
35. The DEA is the federal agency responsible for approving use of medicines.	558 (29.7)	849 (38.1)	<0.0001

36. Cough medicines are not dangerous.	1101 (58.6)	1578 (70.9)	<0.0001
37. Marijuana does not cause memory loss.	1363 (72.5)	1694 (76.1)	<0.0001
38. Heroin is a narcotic (addictive drug)	1539 (81.9)	1923 (86.4)	<0.0001

Appendix A: Survey Assessment tool



Health Literacy

Pre-Assessment Test

Please answer accordingly:

- 1) It is not important to let pharmacists/physicians know about medications T F
- 2) Reading medication labels is not crucial T F
- 3) Medication dosage depends on age and weight T F
- 4) Medications do not cause allergies T F

- 5) Schools do allow medications with students T F
- 6) Parents allow medication at school T F
- 7) All drugs are alike T F
- 8) Drugs are:
- a) chemicals that change the way our bodies work
 - b) transported to the blood
 - c) bad for you
 - d) a & b
- 9) Alcohol is:
- a) a depressant
 - b) a liquid
 - c) a drug
 - d) all of the above
 - e) none of the above
- 10) Alcohol can poison you T F
- 11) Diet pills are amphetamines T F
- 12) Uppers, downers, bennies are all amphetamines T F
- 13) Mood swings are amphetamine symptoms T F
- 14) Cocaine and crack are the same T F
- 15) Cocaine is lethal T F

16) XTC, X, Adam, E, Roll are all forms of diet pills T F

17) Friends should keep secrets even if they are harmful to their families T F

18) Where do you seek help?

- a) at home
- b) at school
- c) in the community
- d) only "a"
- e) everywhere

19) Define a "friend"

20) What is "peer pressure"?

21) The key to good relationships is communication T F

22) What do you really need for personal hygiene?

- a) __Shampoo
- b) __Comb
- c) __Brush
- d) __Shower
- e) __Clean clothes
- f) __Clean nails
- g) All
- h) Other: Please specify

23) It is okay to share hair combs T F

24) It is embarrassing to speak to parents about health issues T F

25) What number do you call in case of an emergency? -----

26) The parts of the food guide pyramid are:

- a) Vegetables
- b) Meat & Beans
- c) Potato chips
- d) Ketchup
- e) All of the above
- f) A & B

27) It is better to drink sweetened juices (with sugar). T F

28) White rice is healthier than brown rice. T F

29) Lentils and beans are proteins. T F

30) Calcium is found in Milk. T F

31) What is a "diet"?-----

32) What is the best diet?

- a) Atkins
- b) South Beach
- c) Dean Ornish
- d) Jenny Craig
- e) Slim Fast
- f) None
- g) All

33) Describe yourself- Are you

- a) Fat
- b) Skinny
- c) Just right
- d) Overweight
- e) Other, provide your answer-----

34) Do you eat as a family (altogether), for dinner, for example?

- a) Yes, all the time
- b) Sometimes
- c) Never
- d) Other, please provide your answer-----

35) The DEA is the Federal agency responsible for approving use of medicines.

- a) True
- b) False

36) Cough medicines are not dangerous

- a) True
- b) False

37) Marijuana does not cause memory loss.

- a) True
- b) False

38) Heroin is a narcotic (addictive drug) that can stop your breathing.

- a) True
- b) False

Appendix B: Health Literacy Middle School Curriculum

MIDDLE SCHOOL CURRICULUM



Community and Environmental Health

Help in an Emergency
Access to Community Health Resources
What to do in an Emergency/Disaster
Pollutants of Concern
Tobacco/Uses for Tobacco/Smoking and Lung Cancer

Mental and Emotional Health

Talking Skills
Listening and Communication Skills
Problem Solving Skills/Problems In Relationships

Personal and Consumer Health

Reducing Health Risks
Health Care/Hygiene
Selecting and Using Healthcare Products
Acne

Alcohol and Other Drugs

Alcohol and Drugs
Prescription Over The Counter Medications

Nutrition

Nutrition
Food Labels
Obesity
Anorexia
Lupus and Nutrition
Diet Plans
Vegetarian Diet

Additional Health Topics

Anemia
Arrhythmia
Asthma
Avian Flu
Body Systems
Breast Cancer
Cervical Cancer
Colon Cancer
Coronary Heart Disease
Diabetes
Green Tea
Heartburn
Hepatitis A and B
HIV
Hypertension
Infancy Development
Kidney Disease
Liver Cirrhosis
Melanoma
Migraines
Osteoporosis
Ovarian Cancer

Rheumatoid Arthritis

SARS

SIDS

Small Pox

Stress and Its Management

Testicular Diarrhea

West Nile Virus