

6. ***How would you describe your knowledge in each of the following topics prior to and after teaching the Brain Power! curricula?*** (Please circle one response for each item in Column I to describe your knowledge prior to teaching the curriculum and one response for each item in Column II to describe your knowledge after teaching the curriculum.)

| Topic | Column I. Knowledge prior to teaching | | | Column II. Knowledge after teaching | | |
|---|--|-------------------------|-------------------------------|--|-------------------------|-------------------------------|
| | Modest or very little amount | Fair or moderate amount | Significant or sizable amount | Modest or very little amount | Fair or moderate amount | Significant or sizable amount |
| a. Names of major regions of the brain | 1 | 2 | 3 | 1 | 2 | 3 |
| b. Specific responsibilities of each brain region | 1 | 2 | 3 | 1 | 2 | 3 |
| c. The parts of a neuron and their individual functions | 1 | 2 | 3 | 1 | 2 | 3 |
| d. The process of neurotransmission | 1 | 2 | 3 | 1 | 2 | 3 |
| e. The role of neurotransmitters | 1 | 2 | 3 | 1 | 2 | 3 |
| f. The effect of drugs on neurotransmitters | 1 | 2 | 3 | 1 | 2 | 3 |
| g. The effects of marijuana on the brain | 1 | 2 | 3 | 1 | 2 | 3 |
| h. The effects of cocaine, caffeine, and other stimulants on brain chemistry | 1 | 2 | 3 | 1 | 2 | 3 |
| i. The effects of nicotine on the body | 1 | 2 | 3 | 1 | 2 | 3 |
| j. The effect of nicotine on neurotransmission | 1 | 2 | 3 | 1 | 2 | 3 |
| k. The effect of aspirin, acetaminophen, fluoride, immunizations, and antibiotics on the body | 1 | 2 | 3 | 1 | 2 | 3 |
| l. The process of scientific inquiry | 1 | 2 | 3 | 1 | 2 | 3 |
| m. Health recommendations for children (diet, exercise, sleep) | 1 | 2 | 3 | 1 | 2 | 3 |
| n. Long-term effects of | 1 | 2 | 3 | 1 | 2 | 3 |

| Topic | Column I. Knowledge prior to teaching | | | Column II. Knowledge after teaching | | |
|---|--|-------------------------|-------------------------------|--|-------------------------|-------------------------------|
| | Modest or very little amount | Fair or moderate amount | Significant or sizable amount | Modest or very little amount | Fair or moderate amount | Significant or sizable amount |
| o. alcoholism Characteristics of addiction | 1 | 2 | 3 | 1 | 2 | 3 |

7. **How would you rate the following aspects of the Brain Power! curriculum content overall?** (Please circle one on each line.)

| Curriculum content | Excellent | Good | Fair | Poor | Unacceptable |
|--|-----------|------|------|------|--------------|
| a. Relevance to your students..... | 1 | 2 | 3 | 4 | 5 |
| b. Ability to maintain student interest..... | 1 | 2 | 3 | 4 | 5 |
| c. Appropriateness for designated grade level..... | 1 | 2 | 3 | 4 | 5 |
| d. Ability to challenge students... | 1 | 2 | 3 | 4 | 5 |

8. **To what extent do you agree or disagree with the following statements about the Brain Power! materials? Mark NA if did not use the materials or have no opinion.** (Please circle one on each line.)

| Statement | Strongly agree | Agree | Disagree | Strongly disagree | NA |
|--|----------------|-------|----------|-------------------|----|
| a. The curricular materials were easy to use in general..... | 1 | 2 | 3 | 4 | 5 |
| b. Any material that was new to me was explained with enough detail and context to be understood clearly..... | 1 | 2 | 3 | 4 | 5 |
| c. The directions for teachers were easy to understand and follow..... | 1 | 2 | 3 | 4 | 5 |
| d. The background information supplied was sufficient for teaching purposes..... | 1 | 2 | 3 | 4 | 5 |
| e. The student materials required (but not included with the curriculum package) were easily available in my school..... | 1 | 2 | 3 | 4 | 5 |
| f. The steps recommended in the | 1 | 2 | 3 | 4 | 5 |

| Statement | Strongly agree | Agree | Disagree | Strongly disagree | NA |
|---|----------------|-------|----------|-------------------|----|
| teacher's guide for <i>Preparation</i> were vague and/or unclear..... | | | | | |
| g. The <i>Discussion Questions</i> were helpful in developing and extending student understanding..... | 1 | 2 | 3 | 4 | 5 |
| h. The trading cards were inviting and fun for students, while reinforcing key concepts..... | 1 | 2 | 3 | 4 | 5 |
| i. <i>Extension</i> activities made appropriate and relevant links to other subject areas..... | 1 | 2 | 3 | 4 | 5 |
| j. <i>Assessment</i> questions provided useful checks for student understanding..... | 1 | 2 | 3 | 4 | 5 |
| k. <i>Resources for Teachers</i> and <i>Resources for Students</i> were valuable extended learning opportunities..... | 1 | 2 | 3 | 4 | 5 |
| l. Student handouts required little or no revision before student use..... | 1 | 2 | 3 | 4 | 5 |

9. ***Besides the main activity, which of the following components of the Brain Power! curriculum did you use? Which ones did you use most often?*** (Please circle one response for each item in Column I. If you circle "Yes" in Column I, please also answer "Yes" or "No" in Column II.)

| | Column I. | | Column II. | |
|--------------------------------|-----------|----|----------------|----|
| | Have used | | Use most often | |
| | Yes | No | Yes | No |
| a. Discussion questions..... | 1 | 2 | 1 | 2 |
| b. Extension ideas..... | 1 | 2 | 1 | 2 |
| c. Assessment suggestions..... | 1 | 2 | 1 | 2 |
| d. Resources for teachers..... | 1 | 2 | 1 | 2 |
| e. Resources for students..... | 1 | 2 | 1 | 2 |
| f. Video or CD segments..... | 1 | 2 | 1 | 2 |
| g. Trading cards..... | 1 | 2 | 1 | 2 |

10. ***Which of the following do you consider strengths of the Brain Power! curriculum? (Please circle one on each line.)***

| | Yes | No |
|-------------------------------------|-----|----|
| a. Ready-to-use lesson modules..... | 1 | 2 |

| | | | |
|----|--|---|---|
| b. | Engaging hands-on activities..... | 1 | 2 |
| c. | The user-friendly ancillary materials (trading cards, posters, student handouts) | 1 | 2 |
| d. | The entertaining and instructive student video..... | 1 | 2 |
| e. | The positive reinforcement for students (i.e., award certificates, verbal praise in the video, written praise on student handouts) | 1 | 2 |
| f. | Realistic timeframes in which to complete lessons..... | 1 | 2 |
| g. | Potential to teach students valuable and perhaps life-saving information..... | 1 | 2 |
| h. | Relevance to student experiences..... | 1 | 2 |
| i. | Alignment to current state/district/national standards..... | 1 | 2 |
| j. | Other (<i>specify</i>)_____ | 1 | 2 |

11. In which of the following ways could the *Brain Power!* curriculum use improvement? (Please circle one on each line.)

| | Yes | No |
|----|--|-----|
| a. | Time estimations to complete each module..... | 1 2 |
| b. | Selection of hands-on activities..... | 1 2 |
| c. | Selection of materials for use in experiments or tasks..... | 1 2 |
| d. | Selection of content..... | 1 2 |
| e. | Links to web-based resources or other technology applications..... | 1 2 |
| f. | Links to other subject areas..... | 1 2 |
| g. | Assessment suggestions and/or assessment instruments..... | 1 2 |
| h. | CD/Video quality..... | 1 2 |
| i. | Parental materials..... | 1 2 |
| j. | Teacher’s guide organization/usability..... | 1 2 |
| k. | Student handout usability..... | 1 2 |
| l. | Trading card usability..... | 1 2 |
| m. | Other (<i>specify</i>)_____ | 1 2 |

12. If there were any parental communication, what were the terms? (Please circle all that apply.)

| | Yes |
|----|---|
| a. | Questions about the content of the materials..... 1 |
| b. | Concerns about the appropriateness of materials..... 1 |
| c. | Questions or concerns about how to make best use of the suggestions in the parent newsletter or how to get involved with the material at home 1 |
| d. | Questions regarding specific websites listed in the parent newsletter..... 1 |
| e. | Concerns that children may be considering drug use 1 |
| f. | Questions about how to talk to child about drugs..... 1 |
| g. | Other (<i>specify</i>)..... 1 |

h. None....._____ 1

13. Which of the following statements best describes your overall experience using the *Brain Power!* curriculum? (Circle only one.)

I enjoyed teaching the curriculum and found it useful for my students..... 1

I enjoyed teaching the curriculum and found it useful for my students, but feel the program needs a few minor adjustments 2

I think the curriculum has merit, but needs substantial revision in terms of student engagement and student learning..... 3

I think the curriculum has merit, but needs substantial revision in terms of appropriateness of content..... 4

Other (please specify)_____ 5

THANK YOU!