



## Menu

This Menu gives you quick access to all the content for *Brain Based Instruction*. It will also keep track of your progress as you work your way through the program's video content in the topics. When you feel comfortable with the content of a particular section, take the corresponding assessment.

### Module 1:

## BRAINSMART: Raising Student Achievement

This topic is:

0% Complete

Topic A:

**Raising Student Achievement | 3 hr 58 min | Hide Content**

1. Introduction to "Brain Based Instruction" | 03:32
2. Teaching the way the brain learns | 03:24
3. Learn to drive your brain | 02:02
4. Metacognition is "thinking about your thinking" | 03:50
5. A classroom lesson to help students understand metacognition | 02:17
6. Helping students think, learn & communicate more effectively | 02:56
7. Attentive listening and systematic search during the "input phase" | 03:25
8. Making connections to existing knowledge during the "processing phase" | 05:32
9. Examples of the "output phase" | 01:35
10. Coaching students based on the "output phase" | 02:30
11. The three phases to thinking, learning and communicating | 07:13
12. A classroom lesson on how the brain systematically searches memory | 05:23
13. A classroom lesson on systematic search - Part 2 | 05:03
14. A classroom lesson on systematic search - Part 3 | 03:52
15. A classroom lesson on systematic search - Part 4 | 01:51
16. Systematic search during the input phase | 04:24
17. Using the HEAR strategy to improve listening during the input phase | 06:05
18. Increasing your listening capacity | 03:55
19. Learning to replay key information from another person's dialogue | 03:16
20. A classroom lesson that helps students learn to listen - Part 1 | 02:51
21. A classroom lesson that helps students learn to listen - Part 2 | 05:01
22. Listening strategies for different learning styles | 06:01
23. Applying cognitive strategies: Group Discussion | 00:55
24. Impact of cognitive assets | 03:32
25. The relationship between teacher quality and student achievement | 02:38
26. The relationship between parental involvement and student achievement | 04:06
27. Neuroscience and current brain based research | 03:39
28. Action research and accelerated learning | 03:18
29. Classroom Practice | 02:20
30. Dendrites and axons working together in the brain | 01:00
31. Does learning change the brain's physical structure? | 03:18
32. Strategies for right and left hemispheric learners | 01:59
33. The relationship between physical activity and brain activity | 04:47
34. Brain lobes: Predicting long term success | 02:47
35. The profound impact of multi-sensory instruction | 08:01
36. Nutrition, hydration and brain function | 02:05
37. How many "chunks: of information can a brain process at one time? | 01:45
38. 8-minute learning cycles to increase comprehension | 06:58
39. The character traits of the nine intelligence types | 03:19
40. How much potential storage capacity does the brain have? | 01:39
41. How much does the brain retain from a typical lecture? | 01:30
42. How much does the brain retain from a typical book? | 03:07
43. Increase retention through modeling | 04:30
44. Increase retention through dialogue | 03:05
45. Increase retention through kinesthetic activities | 05:53
46. Information retention: use it or lose it | 02:15
47. Learning and memory summary | 02:10

- 48. Three student learning styles | 03:35
- 49. Cues to determine if a student is a visual learner | 03:06
- 50. Cues to determine if a student is an auditory learner | 05:01
- 51. Cues to determine if a student is a kinesthetic learner | 02:41
- 52. Increase retention by seeing, associating, and vividly experiencing | 06:49
- 53. Creating brain based lesson plans - Part 1 | 03:04
- 54. Creating brain based lesson plans - part 2 | 03:24
- 55. 10 foods to sustain health and increase brain activity - Part 1 | 04:32
- 56. 10 foods to sustain health and increase brain activity - Part 2 | 05:49
- 57. Using imagination, location and the save key to increase retention | 01:57
- 58. Increase your energy to increase your attention level | 02:08
- 59. An overview of "Brain Based Instruction" | 05:04
- 60. Additional resources on brain based instruction | 02:15

Assessment:

### **Raising Student Achievement**

Copyright ©1999-2011 Educational Impact. All Rights Reserved.