

24 Underlying Processing Skills that PACE Works On

1. **Auditory Processing:** to process sounds. The major underlying skill needed to learn to read and spell.
2. **Auditory Discrimination:** to hear differences in sounds such as loudness, pitch, duration, and phonemes.
3. **Auditory Segmenting:** to break apart words into their separate sounds.
4. **Auditory Blending:** to blend individual sounds to form words.
5. **Auditory Analysis:** to determine the number, sequence, and which sounds are within a word.
6. **Auditory- Visual Association:** to be able to link a sound with an image.
7. **Comprehension:** to understand words and concepts.
8. **Divided Attention:** to attend to and handle two or more tasks at one time. Such as: taking notes while listening, carrying totals while adding the next column. Required for handling tasks quickly as well as handling complex tasks.
9. **Logic and Reasoning:** to reason, plan, and think.
10. **Long Term Memory:** to retrieve past information
11. **Math Computations:** to do math calculations such as adding, subtracting, multiplying, and dividing.
12. **Processing Speed:** the speed which the brain processes information.
13. **Saccadic Fixation:** to move the eyes accurately and quickly from one point to another.
14. **Selective Attention:** to stay on task even when distraction is present.
15. **Sensory-Motor Integration:** to have the sensory skills work well with the motor skills - such as eye-hand coordination
16. **Sequential Processing:** to process chunks of information that are received one after another
17. **Simultaneous Processing:** to process chunks of information that are received all at once
18. **Sustained Attention:** to be able to stay on task.
19. **Visual Discrimination:** to see differences in size, color, shape, distance, and orientation of objects.
20. **Visual Processing:** to process and make use of visual images.
21. **Visual Manipulation:** to flip, rotate, move, change color, etc. objects and images in one's mind
22. **Visualization:** to create mental images or pictures.
23. **Visual Span:** to see more/wider in a single look.
24. **Working Memory:** Holding information in your memory while deciding what to do with it.