

The Hidden Link Between Vision and Learning

*Why Millions of Learning Disabled
Children Are Misdiagnosed*

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What is it?



CATEGORIES OF VISUAL SKILLS

Visual Acuity

Eye Movement Skills

- eye movement control (oculomotility)
- eye teaming (binoculararity)
- vergence

Focus Accommodation

Depth Perception

Peripheral Vision

Visual Motor Integration

- gross-motor eye-body coordination
- fine-motor eye-body coordination

CATEGORIES OF VISUAL SKILLS

Visual Spatial Skills

- laterality
- directionality
- bilateral integration
- visual spatial relations
- visual spatial orientation

Vision Perception

- visualization
- visual form recognition/discrimination
- visual form constancy
- visual speed and span of perception
- visual memory
- visual sequential memory
- visual spatial memory
- visual closure
- visual figure ground

Automaticity

A Sampling of Symptoms of Vision-Related Learning Problems

- headaches
- eyestrain
- fatigue
- blurred vision
- double vision
- excessive blinking
- confusion
- difficulty concentrating
- rereading or skipping lines of print
- letter reversals
- difficulty recognizing words
- short attention span
- poor reading comprehension
- poor handwriting
- writing uphill or downhill
- avoidance of near work
- slow completion of work
- tilts head while reading or writing
- loss of interest in reading
- misalignment of numbers when doing math problems
- poor fine or gross motor coordination

Spell Check

numbers

- 1 one
- 2 two
- 3 three
- 4 four
- 5 five
- 6 six
- 7 seven
- 8 eight
- 9 nine
- 10 ten
- 11 eleven
- 12 twelve



months

- January
- February
- March
- April
- May
- June
- July
- August
- September
- October
- November
- December



colors

- black
- blue
- brown
- gray
- green
- orange
- red
- pink
- purple
- white
- yellow



school

- book
- classroom
- crayons
- desk
- office
- paper
- pencil
- playground
- principal
- scissors
- teacher



clothes

- boots
- coat
- dress
- hat
- jacket
- mitten
- pants
- shirt
- shoes
- skirt
- socks
- sweater



animals

- bear
- bird
- cat
- chicken
- cow
- deer
- dinosaur
- dog
- duck
- elephant
- fish
- horse
- lion
- monkey
- pig
- sheep
- turtle



weather

- clouds/cloudy
- fog/foggy
- wind/windy
- rain/rainy
- snow/snowy
- sun/sunny



days

- Sunday
- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday

foods

- apple
- banana
- cake
- carrots
- cereal
- cookies
- eggs
- grapes
- hamburger
- hot dog
- milk
- orange
- pizza
- salt
- sandwich
- taco



Overlap of Symptoms

How easy is it to misdiagnose a child if a comprehensive visual examination is not included in an evaluation?

Consider this:

15 of the 18 symptoms of **AD/HD** and **13 of the 17** symptoms of **dyslexia** are also associated with vision disorders.

Resources

To learn more about behavioral optometry and to find a behavioral optometrist in your area please visit these outstanding websites:

www.covd.org

www.oepf.org

www.visionhelp.org

www.visionandlearning.org

www.optometrists.org

www.concussionproject.com

The Hidden Link Between Vision and Learning: Why Millions of Learning Disabled Children Are Misdiagnosed is available in select stores and online:

www.rowman.com

www.amazon.com

www.barnesandnoble.com

Book Reviews, Media, Links, and Contact Info available on my website:

www.wendybethrosen.com