

KNOW THE SIGNS

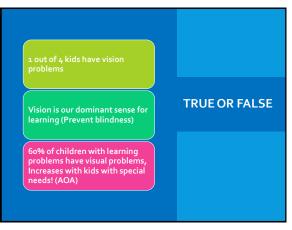


Vision Checklist

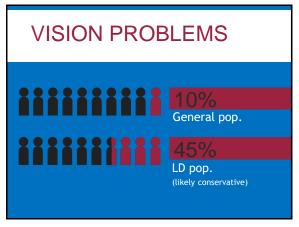
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"Vision is so fundamental to the growth of the mind that the baby takes hold of the physical word with his eyes long before he takes hold with his hands."

Arnold Gesell, M.D.



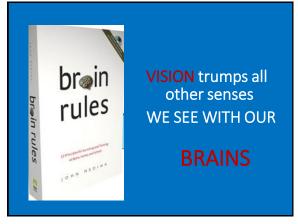
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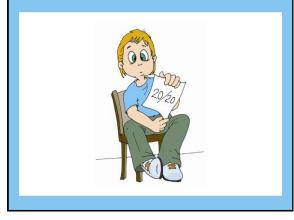
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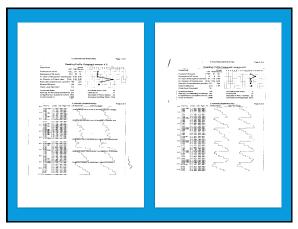




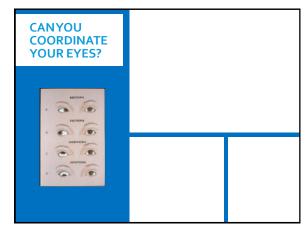








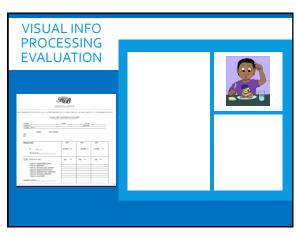


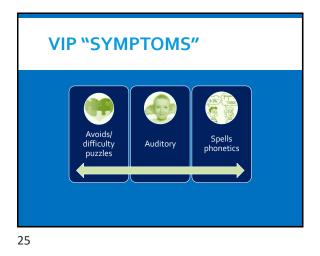


Binocularity Cover test NPC Stereopsis Fusion ranges Prism jumps Accommodative fipper +-2.00



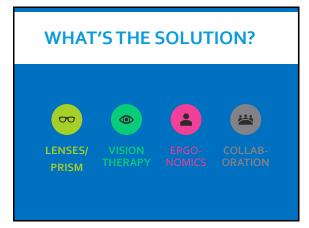








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Vision-related problems from prolonged screen use. Computer, tablet, e-reader, cell phone (American Optometric Association)

- Symptoms may include:
- Eyestrain
- Headaches
- Blurred vision
- Dry eyes
- •Neck and shoulder pain

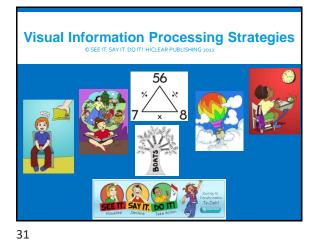
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VIRTUAL SCHOOL: EXTRA SCREEN TIME & ADDED EYE STRAIN

- Lenses w/anti-reflective
- coating
- Ergonomic Posture
- •20-20-20 Rule
- Artificial tears

VISION THERAPY: VISUAL MOTOR/INFORMATION PROCESSING





WEIGHTED LAP PADS
Use to give proprioceptive input, tactile defense, and deep pressure
Use to calm and improve concentration
Less patterned material reduces distraction
Works great with adults and concussion/TBI patients too
Make your own

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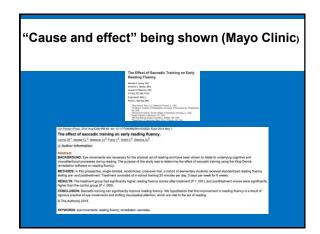
Association between reading speed, cycloplegic refractive error, and oculomotor function in reading disabled children versus controls Punki Quid-Tufford Simpun

Received: 23 May 2012/Revised: 15 July 2012/Accepted: 3 August 2012 © Springer-Verlag 2012

RESEARCH IS LINKING READING SOLIDLY TO OCULOMOTOR DYSFUNCTION!

Gnefes Arth Clin Exp Ophthalmel DOI 10.1007b00417402-2135-0 MEDICAL OPHTHALMOLOGY

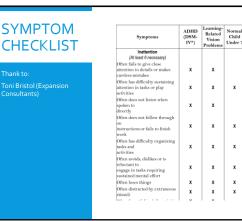
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"Children with convergence insufficiency are three times as likely to be diagnosed with ADHD. Conversely, children with ADHD are also three times as likely to be diagnosed with convergence insufficiency than children in the general population."



"[D]eficits in visual function are far more prevalent in school-aged children with [developmental dyslexia] than in [typicallydeveloping] readers [...]" JAMA Ophthalmol. 2018 Oct 1:136(10):1089-1095. doi: 10.1001/jamaophthalmol.2018.2797
• Dyslexia group (DD, n=29): Typical group (TD, n=33)

- Dyslexia group (DD, n=29); Typical group (TD, n=33)
 Accommodation deficits: DD 55% vs. TD 9%
 Impaired ocular motor tracking: DD 62% vs. TD 15%
 Vergence deficits: DD 34% vs. TD 15%
- 1 or more domain of visual function deficit: DD 79% vs. TD 33%

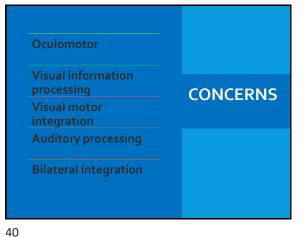
Frequency of Visual Deficits in Children w/Developmental Dyslexia 2018

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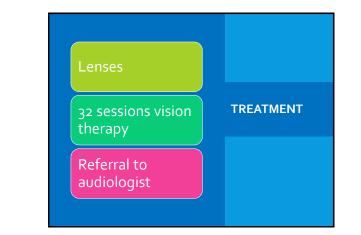


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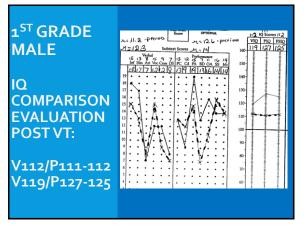
GRADE LE	Coordination much improved Happy with sports Voracious reader!
STORY ST VT:	School wants to skip a grade Still auditory processing problem

1ST MA

HIS PO

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EXPAND YOUR 101







How Do You

HBVision.net-

Get More Info?

Child Decoded



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