Medical screening - Vision
Vision screening process for school nurses and technicians ver. 0.9

1. Conduct the pre-screening observation*
2. All Grades
3. Distance acuity test
4. Did the child pass the screening test?
   - Yes
     - Record in file, update information on HAAD reporting system
   - No
     - Additional optional recommended tests are:
       - Grade 1: Stereoaucity/3D screening
       - Grade 5: Color vision
     - Refer to family physician
     - Document on School Health record and HAAD reporting system and on parent/guardian notification letter
Learning Objectives

• Understand the reasons behind school vision screening
• How to use equipment to conduct vision screening
• Gain knowledge of common and preventable eye problems
• Understand the referral pathway if abnormalities are found
Understand the reasons behind school vision screening
Background

- Screening to find treatable eye problems
- Screening to find inherited conditions
- Screening to check that children can see well enough to function at school
Background

– The earlier the better
Learn how to use **basic equipment** to conduct vision screening
Vision screening process for school nurses and technicians ver. 0.9

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   - All Grades

2. Distance acuity test
   - Additional optional recommended tests are:
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     - Grade 5: Color vision

3. Did the child pass the screening test?
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Visual acuity test

One eye at a time
6 meters
Vision screening process for school nurses and technicians ver. 0.9

Conduct the prescreening observation* → All Grades → Distance acuity test

Did the child pass the screening test?

- Yes
  - Record in file, update information on HAAD reporting system

- No
  - Additional optional recommended tests are:
    - Grade 1: Stereoacuity/3D screening
    - Grade 5: Color vision
  - Refer to family physician
    - Document on School Health record and HAAD reporting system and on parent/guardian notification letter
Check appearance

- Torch light
- Ophthalmoscope
- Red reflex
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Colour vision
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Stereo-acuity
“depth perception”
Gain knowledge of common and preventable eye problems
Refractive error – near sighted
Refractive error – far sighted

Normal eye

Hypermetropia

Light focused behind the retina

Corrected with convex lens
Understand the referral pathway if abnormalities are found
Vision screening process for school nurses and technicians ver. 0.9

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2. All Grades
3. Distance acuity test
4. Did the child pass the screening test?
   - Yes
   - No
5. Additional optional recommended tests are:
   - Grade 1: Stereoacuity/ 3D screening
   - Grade 5: Color vision
6. Refer to family physician
7. Record in file, update information on HAAD reporting system
8. Document on School Health record and HAAD reporting system and on parent/guardian notification letter
Summary

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<td>1</td>
<td>Poor vision</td>
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<td>2</td>
<td>Improves with pinhole</td>
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<td>3</td>
<td>Refer to optometrist</td>
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<td>• Poor vision</td>
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Summary

1. Abnormal appearance
2. Poor 3D vision
3. Refer to GP or ophthalmologist