Videos - Most of the Authors 58+ YouTube videos show switching, shifting, central-fixation examples. Scroll through the Videos to find Switching Training:

http://www.youtube.com/watch?v=r5JxOFVjI3hc&feature=channel
http://www.youtube.com/watch?v=IkQ9KEpA8zE&feature=channel
http://www.youtube.com/watch?v=n1MWgeF0iU4
http://www.youtube.com/watch?v=IkQ9KEpA8zE&feature=related

School Children
By Emily C. Lierman

Davey
(Switching, Shifting Example)

Davey, eight years old, was very near-sighted, and the glasses he was wearing, made him nervous and irritable. His father had been told about the Bates Method and what could be done to restore perfect sight without wearing glasses. Davey's father brought the boy to me, although he was skeptical and his mother was even more so. I could tell by the little boy's attitude toward me that the Bates Method had been much discussed in the home circle, and that I was considered a sort of mystic worker.

The first question Davey asked me was, "What are you going to do to me?"

I answered, "I am not going to do anything to you, but I will try to do a whole lot for you. I will help you to get rid of your thick glasses that I am sure you don't like."

His answer was, "O, yes, I would like my glasses if I could see out of them. Father said that if you don't help me, he will try to find other glasses that will help."

I let the little fellow talk for a while, because I thought it would help me to understand him better. I told him I was especially interested in children and that it was always my delight to give school children better sight. I said I would not interfere with him, if glasses were what he wanted most. He said that he was afraid to play baseball or other games which might not only break his glasses, but perhaps hurt his eyes.

I tested his vision with his glasses on, and found that at ten feet from the regulation test card, he could see only black smudges on the white, but no letters.

Then I placed the card six feet away. All he could see at that distance was the letter on the top of the card, seen normally at two hundred feet. I then had him take off his glasses to see what he could read without them. He could not see anything at all on the card. I asked him to follow me to the window and to look in the distance and tell me what he could see. To the right of me, about one hundred feet away, there was a sign. The letters of this sign appeared to be about three feet square. One word of the sign had four letters. The first letter was straight and the last was curved, and had an opening to the right. I explained this to Davey, as I told him to look in the direction in which I was pointing, and then to a small card with fine print that I had given him to hold. I told him to read what he could of the fine print. He read it at two inches from his eyes. Under my direction, he alternately followed my finger as I pointed to the fine print and then to the building sign. He told me he could not see anything in the distance. Davey felt very uncomfortable because of his poor sight and became rather restless. I told him to hold the fine print card closer, and not to read the print this time, but to look only at the white spaces between the sentences, and to blink often. He shifted from the white spaces of the fine print to the sign in the distance, watching my finger as I pointed, first to the near point and then to the distance. Suddenly, he got a flash of the first letter of the first word on the sign. This practice was continued for twenty minutes, and then we had a rest period. Davey sat comfortably in a chair and palmed his eyes. Children are very apt to become bored with anything that takes time and patience, and I know that Davey had little patience with anything regarding his eyes.

I asked him questions about his school work, and what subjects he liked best. He said he just loved arithmetic. I asked his father to give him an example to do while he palmed. The little fellow thought this was great fun, and without hesitation he gave his father the correct answer for each example. This gave Davey a rest period of fifteen minutes. His mother remarked that this was the first time she had ever noticed him sit quietly for so long a time.

Long Swing and Sway

Davey was then shown how to swing, by moving his body slowly from left to right, and getting only a glimpse of the letters on the card, at six feet. When he looked longer than an instant at the card, he leaned forward and strained to see better, but failed each time. When he learned not to stare, but to shift and blink while he swayed, his vision improved to 6/50. We returned to the window. I told him to shift from the white spaces of the fine print, which I held close to his eyes, then to the distant sign, and he became able to read all of the sign without any difficulty.

Much had been accomplished in one treatment and both parents were grateful. Davey was given a card with instructions for home practice. He returned three days each week for further treatment. Every time he visited me, I placed the test card one foot further away. Eight weeks after his first treatment, he read all of the test card letters at ten feet. This was accomplished by reading fine print close to his eyes, then swinging and shifting as he read one letter of the card at a time.

This boy has sent other school children to me as well as a school teacher with progressive myopia, who practiced faithfully until she was cured. Every week, she sent me a report about her eye treatment and the progress she made. Her pupils noticed that she had discarded her glasses, and after school hours she invited some of them, who had trouble with their eyes, to practice the Bates Method with her. In eight weeks' time, her vision became normal, and all her pupils, with the exception of three, are improving their vision without the use of glasses.
A case of divergent vertical squint ultimately cured by educational methods. In the picture at the left the right eye turns out and up, while the left eye looks straight. At the right the patient has learned to look straight with the right eye, while the left turns down and out.

The same patient after a complete cure had been effected. All four pictures were taken within fifteen minutes of each other, the patient having learned to reproduce the conditions represented voluntarily.

1-Both Eyes        2-Right Eye        3-Left Eye

4-Right Eye        5-Left Eye        6-Both Eyes

See complete practice on the right >

After using the pen, practice with any close object; a t-bear, ring, flower in your garden...

1 - Eight Steps for Switching Close and Far with Both Eyes Together and One Eye at a Time with the Pen and Far Object Between the Left and Right Eyes, at Eye Level in the Two Eyes One Central Field. Shift on the close object, then on the far, then close, then far... Shift on middle distance objects. Practice this with the 8 steps below. (Picture is of a person facing you.) The person has 20/50 vision in the right eye and 20/100 (less clear) vision in the left eye. Practice brings the vision to equal, perfect 20/20 and clearer in both eyes at all distances. Practice with the close pen and far object at a variety of distances; 2 feet, 5, 10, 25, 40, 300...

Do not wear eyeglasses, contact lenses, sunglasses.

A - Eight Steps for Switching Close and Far with Both Eyes Together and One Eye at a Time with the Pen and Far Object Between the Left and Right Eyes, at Eye Level in the Two Eyes One Central Field. Shift on the close object, then on the far, then close, then far... Shift on middle distance objects. Practice this with the 8 steps below. (Picture is of a person facing you.) The person has 20/50 vision in the right eye and 20/100 (less clear) vision in the left eye. Practice brings the vision to equal, perfect 20/20 and clearer in both eyes at all distances. Practice with the close pen and far object at a variety of distances; 2 feet, 5, 10, 25, 40, 300...

Do not wear eyeglasses, contact lenses, sunglasses.

<table>
<thead>
<tr>
<th>Right Eye</th>
<th>Left Eye</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>8</td>
<td>8</td>
</tr>
</tbody>
</table>

See the main book chapters for descriptions, directions for Switching, Central-Fixation...

#1 - Practice with both left and right eyes together. 30 seconds to 2 minutes... as is comfortable.

#2 - Practice with One Eye at a Time; Practice with the Right, clearest vision eye first to get the clearest visual, mental picture of the close and far objects stored in the brain, memory. (Patch the Left eye)

#3 - Practice with the Left, less clear vision eye. (Patch the Right eye)

#4 - Practice with the Right, clearest vision eye again. (Patch the Left eye)

#5 - Practice with the Left, less clear vision eye. (Patch the Right eye)

#6 - Practice extra time 10 - 30 seconds... with the Left, less clear vision eye. (Patch the Right eye)

#7 - Practice with the Right, clearest vision eye again, a short time, 2-5 seconds. (Patch the Left eye)

#8 - End; Practice with both left and right eyes together again for equally clear, balanced vision in the left and right eyes at all distances, close, middle, far.

Repeat Steps # 1-8

Now; practice the 7 'Secret Switching' steps on the next page. Then return here and repeat these steps # 1 to 8.
Switching Close & Far

The Pen and Yellow Kitty are aligned with each other in the one eyes central field, in line with the eyes pupil.

Use the dots in the picture; Practice by shifting dot to dot in any direction pattern. Then; practice on real objects without the dots.

Shift; small part to small part on the close pen and the far cat, tree near and around the top of the pen.

Shift on tiny parts and see fine details clear.

The pictures above show an additional practice, 7 Steps for 'Secret Switching': changing 'switching' the eyes focus, visual-mental attention back and forth on close and far objects with the pen in front of one eye. 

Done only with one eye at a time. Never do this with the pen in front of one eye with both eyes together. Doing it wrong causes crossed, wandering eyes and unclear vision.

Done correct, it specifically improves, 'perfects'; lens, eye muscle function, accommodation, unaccommodation, central-fixation, shifting,... circulation, clarity better than 20/20 in each individual eye.

See Steps # 1-7 on the right. >

Place the pen top and a distant object in line with each other in front of the eyes pupil—in that one eyes exact central field. Move the pen top down a bit so you can see the far object. Shift part to part on the close pen top. Then shift on the far object that appears in line with the pen top. Then back to the pen, then far again, then pen... Repeat. Blink and relax. Switch to middle distance objects to/from the close and far objects.

#7: Begin and end the practice with both eyes together, pen between the left and right eyes; repeat the A - #1-8 Steps on the previous page. These switching practices produce perfect clear eyesight in the left and right eyes at all distances and helps correct Strabismus.

Avoid eye muscle surgeries; Dr. Bates states that the true cause of most Strabismus (Crossed, Wandering Eyes) is a tense eye muscle pulling the eye in the direction it is crossed or wandered toward. Dr. Bates uses relaxation of the mind (the brain, positive thoughts, emotions), body and eye muscles, correct use of the eyes 'your vision' to cure the condition. The muscle on the opposite side of the eye is not weak or lazy and must not be cut! (Do not cut any muscles.) It might not be being activated correct by the brain to relax, contract normally. The tense muscle on the other side of the eye might be due to strain in the mind/brain, incorrect function with the brain. These conditions can be corrected naturally without surgery, using; left and right brain hemisphere activation, integration (the long swing, cross crawl, figure eight-infinity swing, juggling...), the head string, moving pictures/lights, color, correct posture, relaxed neck, shoulders, central-fixation, shifting (relaxed correct vision habits) and other practices. Other causes of strabismus can also be corrected naturally.
Face directly at two objects in the central field; a close object and a far object in line with each other. Example: looking at the pen and cat with both eyes together; they are in the central field and in line with each other. Practice shifting, switching on the pen and cat, tree. Practice A-#1-8 Steps; with the pen, cat between the left and right eyes using both eyes together and one eye at a time. Practice B-#1-7 Steps with the pen, cat in front of one eye using one eye at a time.

Modern teachers include 'Phoria Directional Swings' to relax and gently coax a crossed or wandering eye to move correct, into normal position; the strabismic eye follows the movement of a light or brightly colored picture as it moves toward and onto the object of visual attention. The Bead String placed in the central field is a useful device. (See directions next page and page 245.) Playing catch, pointing to objects, juggling, left and right brain hemisphere activation and integration 'synchronization', movement, posture and other activities, relaxation of the neck muscles, alignment of the spine, hips, neck vertebrae and skull/eye-socket bones, jaw, the teeth are effective. Warning: Many people are being crippled, had strokes, balance, hearing, vision problems, develop strabismus due to Chiropractic treatments. It's become corrupt, doctors placing the bones out of alignment so they can sell more treatments! Even a honest chiropractor's treatment can result in injury. It is dangerous. It's best to seek alternative methods; natural body movements, massage, physical therapy, yoga... (professional only, every field has dishonest or inexperienced doctors that injure the spine, neck.) Artificial 3-D TV and computer screens-video games, dominance of one brain hemisphere, one eye from 3-D, schoolwork, stress, strain at school, a job... can cause strabismus, unclear vision. Dr. Bates cured many cases of strabismus with the Bates Method only, relaxation of the mind, visual system, eye muscles.

When using both eyes together or one eye at a time with the pen between the left and right eyes and when practicing with the pen in front of one eye using one eye at a time do not move the pen and far object out, in to the left, right... away from, to the side of the eyes, eye or face. Main rule; eyes (when using both eyes), eye (when using one eye) faces the object you are looking at.

Never place the pen in front of one eye when using both eyes together.

(See pictures above ^ for wrong placements of the pen.)

When using both eyes together or one eye at a time with the pen between the left and right eyes: Shift on a far distant object in line with the close pen, that is between the left and right eyes as the pen is, in the central field. The eyes, eye may also shift on other far objects. (Head moves with the eyes, eye.) Blink. When returning to the pen; line up a far object with the pen first, between the eyes, look directly at it and then move 'switch' from that object back to the pen.

When using one eye with the pen in front of that one eye pupil, that eyes central field; (Do not place the pen and far object left, right... away from the eye, face. Keep objects in that eyes central field.) The eye switches to, shifts on a far object that appears in line with the pen and can also shift on other far objects in the scenery. (Head moves with the eye, look directly at, shift on the object.) This gives the eye freedom, more movement. Before returning to the pen, move to the object that is in line with the pen or line up a new object with the pen (eye, it's central field). Then 'switch' back to the pen. Shift on the pen.

Another practice is to move the pen close and far while shifting on it using the steps on the previous pages; A- #1-8, pen between the eyes and B-#1-7, pen in front of one eye. Repeat A-#1-8. Keep correct pen placement as described. Try walking close and far-forward and backward as you shift on objects.

See the E-books for more pictures, practices with close and far objects.

When using both eyes together, pen and far object between the two eyes;

When looking at the pen, the far object in line with the pen will appear double. When covering one eye the far object will appear to not be in line with the pen, but in reality it is, so; switch to that object from the pen and from that object back to the pen. This keeps normal convergence, divergence, accommodation, un-accommodation, left and right eyes working together.

When looking at the pen with both eyes, far objects appear double. When looking at the far object with both eyes, the pen appears double.

When using both eyes, there are no double images when all objects are far, beyond about 20 feet. There are no double images at any distances when using one eye. When using one eye with the pen in front of that eye; the pen and far object in front of that eye appear in line with each other. These are all normal images, indicates correct eye, vision, eye muscle and brain function.

For normal eye-visual system function, the head and two eyes naturally turn-face the object of visual attention but they do not always stop to align objects as done in these exercises. (Unless applying some kind of mental-visual measurement, comparison, depth, distance... determination.) These Switching Methods are only extra practices to improve the eyes function, coordination and clarity of vision. Do not do it all the time. Start with 5-10 min. a day and skip some days. After it brings clear vision it's rarely needed. The practices taught here are a type of an exercise, works the eyes, lens, eye muscles, brain. Do it relaxed, integrate shifting, central-fixation and other Bates Method practices to keep the exercise as natural as possible. Use no effort, force. The true perfect natural vision function is when we stop practicing and let the eyes, vision work 'on their own'. Practice, then don't practice; relax, forget about the eyes, vision and the clarity will increase to better than 20/20 at all distances!

Always start and end the pen in front of one eye practice on the previous page with A-#1-8 Steps for practicing with the pen between the left and right eyes using both eyes together and one eye at a time as shown in the picture below. This maintains perfect, equally clear vision, coordinated eye movement in the left and right eyes and balanced brain hemisphere function with the eyes, eye muscles. Bates Method practices and the exercises also remove astigmatism.

End: Practice with both left and right eyes together again for equally clear, balanced vision in the left and right eyes at all distances, close, middle, far.
Move a small light in front of the center of the face, at eye level to coax a wandering, crossed eye to look at, move with the light to correct position. Start by placing the light in the position the wandering/crossed eye is in and move the light in front of the face, into the eyes central field, between the left and right eyes, at eye level. When using the bead string; move the light onto the bead which is placed in front of the face, in the central field.

When both eyes are in correct position, looking at the bead; a X will cross on the bead. Shift on the bead. Blink. Pictures #1 to 5 show how to correct a right eye that wanders outward.

Phoria Directional Swings

Eyes normal, in correct position, looking at the green bead, in the center of the visual field.

Correct image of the string, beads, X when looking at the #2 middle green bead.

- X crosses incorrect beyond the #2 green bead

Correct image, placement of the X---string & beads

- X crosses correct on the #2 green bead

These pictures are an overhead view; you are looking down from above the person to see how the bead string, eyes appear, move. The light is moved to the front, center of the face, between the eyes to coax the wandering eye to move correct, look straight at the green bead in the central field. X crosses on the bead.

A Moving Light is used to gently, with relaxation, coax the right eye to move to correct position.

The light is used to move, gently coax the right eye, (its central field, visual attention) onto the green bead. Then the X will cross correct on the bead.

Practicing without the bead string; move the eye all the way to the left. Practice with and without the patch; strabismus eye, then both eyes. Practice moving the eye, eyes with the light as it moves left <, right >, up ^, down v, diagonally, circular, close, far... Practice steps 1, 2, 3, 4 without the bead string; place any object in the central field and move the eye, eyes to the central field and shift on the object.

This picture shows how to use a colorful moving picture of a boat to attract the eyes, mind’s attention, induce correct eye movement for 4 different types of Strabismus.

Move the light in a forward circular motion to get the eye moving, relaxed.

The right wandering eye has moved correct with the light across the center of the face from right to left <. Blink and relax. (The pictures are an overhead view.)

After working with the strabismus eye; always work with the other normally moving eye (with the strabismus eye patched). Then, end by working with both eyes together. This keeps the eyes, eye muscles, vision and brain-visual cortex, left and right hemisphere function with the left and right eyes balanced.
For previous page: When the strabismus eye moves correct, to the central field; practice switching, shifting... on close and far objects to get the vision clear in that eye. A crossed, wandering eye will move correct when the vision in that eye becomes clear or clarity is improving and vision is equal in the left and right eyes.

Central-Fixation-Central, 'Fovea' Vision

Since small objects cannot be seen without central fixation, the reading of fine print, when it can be done, is one of the best of visual exercises, and the dimmer the light in which it can be read and the closer to the eye it can be held the better. Read fine print in the sunlight daily. No eyeglasses!

Palming

Palm and remember a sunset, blue sky, white cloud... and shift part to part on the objects and from object to object. Then, it is easy to remember a clear, black letter o. Place the o on the white cloud and shift on the o and see it move, 'swing' opposite the shift of the eyes. Open the eyes, vision is clear.

Remember pleasant objects, favorite scene, adventure, activity... Remember, imagine objects clear, in color, motion: Birds, butterflies flying about, wind blowing the tall grass, flowers, sun sparkling on the mountain tops, river. Shift on the objects. Shift on, see in the mind small fine details clear.

Sunlight and Surrounding daily

Palm and imagine drifting down a river. See objects in color, clear, motion.

Movement of the boat, water, wind, birds flying, sun shining, sparkling on the river, animals walking on the shore, colorful dragonflies... Imagine all the senses; touch, warmth of the sun, feel the breeze, hear the water, birds, wind, taste your favorite drink...

Palm and imagine black or any pleasant object, scene... Think happy thoughts. Shift on objects in the mind, see them clear, in color, motion.

Shift left and right on the E and see it move in the opposite direction... Shift to the dot on the left, The E moves right, Shift to the dot on the right, The E moves left.

The eyes face directly at the object of visual attention, placing the center of the fovea centralis/visual field directly on the part of the object the eyes are looking at.

The eyes, head/face, center of visual field are directed at the part of the object the eyes are looking at.

The center of the visual field moves with the eyes (head, face) as the eyes move 'shift' from part to part on the object and from object to object.

The Central light ray from the part of the object the eyes are looking directly at/center of visual field focuses on the exact center of the fovea centralis in the center of the macula, eyes retina.

Peripheral rays focus on the peripheral areas of the retina. Vision is perfectly clear.

Girl palms and remembers her doll, color of her dress, opens the eyes and 6 random letters are seen clear.

Shift left and right on the E and see it move in the opposite direction... Shift to the dot on the left, The E moves right, Shift to the dot on the right, The E moves left.

Perfect mental pictures, relaxation-clear vision.

Palm and imagine black or any pleasant object, scene... Think happy thoughts. Shift on objects in the mind, see them clear, in color, motion.
Sunning Examples

Face the sun with the eyes closed and move the head/face slowly, relaxed side to side; left, right, left, right...
Feel and see the sun move across the face/closed eyes.
Then, move the head/face up and down, then circular, trace around the sun counter clockwise, clockwise.
The eyes, head/face (and body) move together, at the same time, in the same direction.

Do the rock while sunning:
Face the sun with the eyes closed and rock the entire body side to side, left and right.
Do the long swing.

Sit facing the sun, relax, eyes closed and daydream pleasant thoughts.
Occasionally move the head/face side to side.

THE FIGURE EIGHT – INFINITY SWING

DRAW THE FIGURE EIGHT WITH THE EYES, HAND AND END OF THE NOSEFEATHER WHILE DOING THE LONG SWING.
FOLLOW THE ARROWS - START IN THE CENTER AND DRAW UP THE CENTER AND TO THE LEFT FIRST.
DRAW THE LEFT SIDE AND BACK UP THE CENTER. THEN DRAW THE RIGHT SIDE.

DRAW THE LEFT SIDE FIRST WITH THE LEFT HAND:
Swing, turn left and left the heel of the left foot.
Eyes looking at shifting on and moving with the center finger tip of the left hand as the hand draws the eight.
The end of the nosefeather and eyes (visual attention) are on and moving with the left hand center finger tip.
Palms of hand is facing in toward the face when in the center, then moves out straight with the arm as the hand draws the left side.

DRAW THE RIGHT SIDE WITH THE RIGHT HAND:
Swing, turn right and lift the heel of the left foot.
Eyes looking at shifting on and moving with the center finger tip of the right hand as the hand draws the eight.
The end of the nosefeather and eyes (visual attention) are on and moving with the right hand center finger tip.
Palms of hand is facing in toward the face when in the center, then moves out straight with the arm as the hand draws the right side.

THE FIGURE EIGHT RELAXES AND BRINGS MOVEMENT TO THE EYES, HEAD, FACE, NECK, BACK AND BODY AND ACTIVATES CORRECT VISION HABITS.
THIS ALSO IMPROVES THE CLARITY OF EYESIGHT.

The Figure Eight - Infinity Swing