

**DISC DIAGNOSTIC INVENTORY FOR SCREENING CHILDREN  
DEVELOPMENTAL REPORT**

**Name:** Snow White  
**Parents:** Mr. and Mrs. White  
**Date of birth:** November 2, 1999  
**Age at screening:** 39 mths  
**Date of screening:** April 8, 2003  
**Screened by:** Velvet Goodson

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The White family started attending the Early Head Start program in September 2000. Snow White attends the program with her mother, Mrs. White.

The Early Headstart Program provides support and information to families who have a child from birth to 3 ½ years who fall within the low-income guidelines. Families are asked to participate in three aspects of the program: home visits, parent group and playgroup. **The Diagnostic Inventory for Screening Children (DISC) is a developmental screen that can help identify a child's strengths and learning style. The DISC is not an IQ test. The DISC can also be used as one piece of information to determine if your child is having difficulties in any areas of their development.**

The Disc was conducted with Snow White at home. It took approximately one and three-quarters of an hour to complete.

Given below is a more detailed interpretation of the DISC results.

**Fine Motor - Is the ability to co-ordinate the small muscles of the hand on voluntary controlled and guided movements.**

Snow White was able to fold her hands and interlace her fingers. This task requires separating finger movements. She enjoyed stringing beads, which encourages a lot of motor planning and refined eye hand coordination. Snow White portrayed her ability of her pincer control when she put 10 buttons in a container and manipulated pipe cleaners in a twisting motion. To show her well developed fine motor control Snow White enjoyed drawing a person with four body parts.

Snow White has progressed to a 50-51 month skill level. She has scored average in this area.

Activity suggestions to continue skill development:

- Providing toys with knobs to turn
- Throwing a ball in a basket
- Unzipping zippers
- Brushing teeth
- Icing cookies
- Providing scissoring practice

**Receptive Language – is the ability to understand and respond appropriately to verbal commands, instructions, explanations, questions and sounds.**

Snow White's understanding of words and concepts seems to be well established. She is aware of body parts and was able to label feet, head, eye, etc. when asked today. She was also able to understand and demonstrate the concept of in, under, in front of, behind, etc.

Snow White has progressed to a 49-50 month skill level. She has scored average in this area.

Activity suggestions to continue skill development:

- Teaching simple rhymes (such as circle time songs)
- Read stories and encourage Snow White to tell her own stories
- Go for walks and talk about what you see

- Give simple commands
- Talk about action pictures
- Teach plurals

**Expressive Language – is the ability to produce appropriate verbal responses, explanations, commands, descriptions and questions.**

Snow White is able to demonstrate her knowledge of picture telling. She has developed self-awareness and is able to express her age and family member's names. Her description of usage of objects and missing parts of objects portrays her ability for abstract conceptualization and can hold a mental picture of objects.

Snow White has progressed to a 41-42 month skill level. She has scored average in this area.

Activity suggestions to continue skill development:

- Encourage story telling
- Talk about daily activities
- Really listen and pay attention to child when she is talking to you
- Encourage child to talk about her feelings
- Play "what's missing?"

**Gross Motor – Is the ability to use the large muscles of the body in a co-ordinated fashion.**

Snow White demonstrated her ability to shift weight both up and down and balancing with the numerous tasks of jumping, walking up and down stairs, and balancing on her tiptoes. Her ability to jump and clap simultaneously shows a higher skilled motor planning.

Snow White has progressed to a 51-52 month skill level. She has scored average in this area.

Activity suggestions to continue skill development:

- Encourage child to do large muscle activities such as riding a tricycle, playing tag, playing ball, or going up and down safe stairs

- Play ball games – throwing, catching, kicking
- Walk like a robot, crawl like a baby, gallop like a horse, hop like a bunny, fly like a bird
- Play follow the leader, Simon Says
- Play Leap Frog

**Attention and Memory – is the ability to attend to or focus on the relevant components of a task for a defined amount of time. Memory is the ability to retain and retrieve impressions, or recall and recognize previous experiences.**

This area requires Snow White to repeat three digits and follow directions given by consultant. Snow White was able to repeat directions both verbally and physically. These skills demonstrate Snow White's ability for memory retention and expansion of short-term memory capacity.

Snow White has progressed to a 46-47 month skill level. She has scored average in this area.

Activity suggestions to continue skill development:

- Read longer, more complex stories and ask questions
- Talk about how objects are alike and different
- Provide music (radio, CDs)
- Play opposites

### **Visual Attention and Memory**

Snow White is able to match colors and identify shapes when asked. She is able to discriminate between objects in pictures. These skills show the development of Snow White's development of abstract conceptualization.

Snow White scores suggest a probable delay in this area, with skills at 33-34 months.

Activity suggestions for skill enhancement are:

- Playing with puppets
- Looking at books
- Using puzzles

- Matching colors and symbols

### **Self Help – the ability to aid oneself in caring for personal needs.**

Snow White can demonstrate her self-help abilities, as reported by mom, by putting on her shoes, undressing for bedtime, and can distinguish between the front and back of clothing.

Snow White has progressed to a 47-48 month skill level. She has scored average in this area.

Activity suggestions for skill enhancement are:

- Encouraging independence in undressing and dressing, help only as necessary
- Encourage child in unbuttoning, zippering, using snaps
- Allowing child to serve herself and to pour milk or juice out of a pitcher
- Encourage child to go to the bathroom by herself and to wash her own hands and face

### **Socialization – the ability to interact with others and engage in socially appropriate behaviors.**

Snow White enjoys independent play in-group. She will comply with an adult's request most of the time and can share her feelings of happiness, sadness and anger.

Snow White scores suggest a probable delay in this area, with skills at 32-34 months.

Activity suggestions to enhance skill development:

- Take child to park and playgrounds
- Involve child in household activities
- Provide a box of old clothes for dress-up play
- Provide praise for a job well done
- Help child to develop cooperative play skills
- Help the child to learn rules at home, in-group, etc.
- Teach child game rules

### **Behavioral Observations during the screening –**

Snow White was very cooperative during the screening. She was able to express her interests and disinterests towards different activities. Toward the end of the screening Snow White's activity level was high as expressed by mom and was showing boredom in some activities and began initiating play in the areas of her interest, for example, doll playing.

**SUMMARY OF DISC SCORES:**

	<b>Raw score</b>	<b>Interpretation</b>	<b>% score</b>	<b>Age equivalent in months</b>
<b>Fine motor</b>	<b>26</b>	<b>A</b>	<b>96</b>	<b>50-51</b>
<b>Receptive Language</b>	<b>26</b>	<b>A</b>	<b>89</b>	<b>49-50</b>
<b>Expressive Language</b>	<b>23</b>	<b>A</b>	<b>47</b>	<b>41-42</b>
<b>Gross Motor</b>	<b>25</b>	<b>A</b>	<b>100</b>	<b>51-52</b>
<b>Auditory Attention and Memory</b>	<b>25</b>	<b>A</b>	<b>83</b>	<b>46-47</b>
<b>Visual Attention and Memory</b>	<b>20</b>	<b>D</b>	<b>8</b>	<b>33-34</b>
<b>Self Help</b>	<b>25</b>	<b>A</b>	<b>84</b>	<b>47-48</b>
<b>Social</b>	<b>20</b>	<b>D</b>	<b>8</b>	<b>32-34</b>

**INTERPRETATION OF % SCORES**

<b>A - Average</b>	<b>P- Possible</b>	<b>D – Probable Delay</b>
<b>25%+</b>	<b>10 – 24%</b>	<b>0 – 9%</b>

**SUMMARY AND RECOMMENDATIONS:**

1. Snow White has been referred to an Early Education site based on child's two probable delays and a low expressive language score
2. Referral to Speech Language Pathology to assess speech
3. Referral to Occupational Therapy to assess possible visual problems as suspected with low scores in the area of Visual Attention and Memory
4. Referral to Psychology for behavioral concerns as expressed by mom

If there are any questions regarding the findings in this report please contact me at the following 426 3666 ext 226.

Velvet Goodson  
Early Headstart Consultant