

# INCLUSIVE EDUCATION ETH306W

**Video Conference**  
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**(09:00-12:00)**

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**Define tomorrow.**

**UNISA**



# INTRODUCTION

1. Who are your lecturers and what kind of support can you expect from them
2. Communication ; Email, phone calls, discussion forum, personal visits, myUnisa notices – refer to tutorial letter 101 page 5
3. Assignment matters – 1<sup>st</sup> assignment, due dates/extensions, role of lecturers, language, neatness, NB a copy
4. Examination matters – admission, preparation (previous question papers at own risk), conduct (during exam) , release of results, aegrotat and FI Concessions

# ETHW306 W

## Inclusive Education

### Definition of inclusion:

Inclusion is about **increasing the participation**✓ of learners in and **reducing their exclusion** from the cultures, curricula, and communities of local schools.

It involves **restructuring the cultures, policies and practices**✓ in schools so that they **respond to the diversity**✓ of learners.

It is concerned with the **learning and participation of all learners**✓ vulnerable to exclusionary pressures, **not only those with impairments**✓ or those categorised as experiencing **barriers to learning and development**✓.

READ EWP6 : Appendix N (319)

# MAINSTREAMING OR INCLUSION

## Mainstream or Integration

Mainstreaming is about getting learners to 'fit into' a particular kind of system or integrating them into this existing system.

Mainstreaming is about giving some learners extra support so that they can 'fit in' or be integrated into the 'normal' classroom routine.

Learners are assessed by specialists who diagnose and prescribe technical interventions, such as the placement of learners in programmes.

## Inclusion

Inclusion is about recognising and respecting the differences among all learners and building on the similarities.

Inclusion is about supporting all learners, educators and the system as a whole so that the full range of learning needs can be met.

The focus is on teaching and learning actors, with the emphasis on the development of good teaching strategies that will be of benefit to all learners.

## **Mainstream or Integration**

**Mainstreaming and integration focus on changes that need to take place in learners so that they can 'fit in'.**

**Here the focus is on the learner.**

## **Inclusion**

**Inclusion focuses on overcoming barriers in the system that prevent it from meeting the full range of learning needs.**

**The focus is on the adaptation of and support systems available in the class- room.**

# BARRIERS TO LEARNING AND DEVELOPMENT

## What are barriers to learning?

### INTERNAL/INTRINSIC BARRIERS TO LEARNING

- Factors **inherent** in learners themselves.
- Learners were born with these or acquired them later on.
- Factors not related to education or environment.
- Include physical, physiological or mental impairments.
- **Note**: degrees of impairments
- **Note causes**: genetic factors, prenatal/perinatal/postnatal brain damage (epilepsy, cerebral palsy, learning impairments such as dyslexia (difficulty with reading) or dyscalculia (difficulty with arithmetic), intellectual impairment, hearing impairment, visual impairment)
- These learners require **more specialised educational methods and teaching aids**.

# EXTERNAL/EXTRINSIC BARRIERS TO LEARNING

At home, at school and in the community (differentiate)

External to the learner

- Socio-economic barriers
- Discriminating attitudes
- Inflexible curriculum
- Language and communication
- Inaccessible and unsafe environment
- Inapplicable or inadequate provision of support services
- A lack of empowering and protective policy
- Disability
- A lack of human resources development

Discuss each in detail.

Refer to your study guide pages 19-20.

# PARENTS' REACTION TO THEIR CHILDREN'S IMPAIRMENTS

- Grief
- Guilt
- Anxiety
- Resentment
- Denial
- Anger
- Overprotection
- Rejection
- Compensation
- Feeling rejected as parents



# EXAMPLES OF SUPPORT TO LEARNERS

## Support starts with identification

### 1. Hearing Impairments:

#### Characteristics (Question 2.1)

- Often misinterprets instructions
- Turns head to listen
- Watched the teacher's lips
- Cannot understand the teacher if the teacher's head is turned away or the teacher's lips are covered
- Finds it difficult to locate the source of a sound
- Speaks too loudly or too softly
- Speaks monotonously

# HEARING IMPAIRMENT

## Auditory/Hearing Barriers

- Use an overhead projector to present material.
- Assign a peer to take notes using carbon paper.
- The peer can also check that the learner is following in the correct place when the class is working on an assignment.
- Speak clearly in a normal voice and at a moderate pace (speed).
- Use visual signals to gain the learner's attention.
- Ask questions to check learners' understanding of orally presented content or directions.
- Rephrase content or questions to make it more understandable.

# VISUAL IMPAIRMENTS

## Characteristics

- Loss of or restricted vision influences the language, motor and socioemotional development of the learner
- Itching, burning or scratchy feeling in the eyes
- Inability to see well
- Dizziness, headaches, or nausea, following close work
- Blurred or double vision
- Inability to see in bright light

# VISUAL BARRIERS - SUPPORT

- The type of eye condition will determine the assistance required.
- Learners with myopia and cataracts should sit in-front, near the chalkboard.
- Repeat (verbally) what is written on the chalkboard.
- Use a magnifying glass if large print books are not available.
- Use a koki pen to draw parallel lines on paper.
- Printed material should be clear, attractive and meaningful.

Common errors: Do not discuss cataracts, etc.!

# PHYSICAL IMPAIRMENT - SUPPORT

- Give the learners tasks and responsibilities-with due regard to physical abilities.
- Arrange the furniture in the playroom in such a way that the cerebral palsied learners can move about freely. Also make sure that the washbasin and the toilet.
- Store apparatus and positions activities in places where the learners will be able to reach them.
- Organise floor and table games which the cerebral palsied learners can manage and which will encourage participation.
- It is always advisable to build up learners' self-esteem. Physically disabled learners feel different from other people.
- If the learners have difficulty with their handwriting, you could try to get hold of a typewriter, making more time for typing practice and even arranging for an oral examination for the learner.

# EPILEPTIC SEIZURE -SUPPORT

## **Be alert! Look out for warning signs.**

- Record all incidents of seizures.
- Remain calm.
- Prevent the learner from falling.
- Push furniture out of the way.
- **DO NOT HOLD THE LEARNER OR TRY TO PREVENT MOVEMENT!**
- Ensure that the airway is clear.
- Turn the learner onto his/her side to prevent choking on excessive saliva.
- Loosen tight clothing, especially around neck and waist.
- Seek medical assistance if seizure is protracted, or if learner chokes, or if learner sustains any injuries.

# BEHAVIOURAL PROBLEMS AS A BARRIER

## IDENTIFICATION

- - Antisocial behaviour
- Taking others' property
- Aggression
- Bossiness
- Egocentricity
- Destructiveness
- Antagonism towards members of the opposite sex
- Social aggression
- Negatively influence learner's development and learning

NB: Always focus your discussion on the phase you are registered for.

# BEHAVIOUR MODIFICATION TECHNIQUES

- Reinforcement
- Ignoring
- Time-out / Withdrawal (special circumstances, with circumspection and warn the learner beforehand)
- Self-chosen time-out / withdrawal
- Prevention
- Redirection
- Discussion / conversation (and find a workable solution)
- Special time (spend time alone with the learner)

Revise pages 230-255



# DOWNSYNDROME

## Motor skills' challenges are common.

Poor manipulation due to:

- Hypotonia (low muscle tone) in arms and hands
- Shorter limbs and digits
- Reduced stamina

Implications of motor skills' challenges are that:

- Handwriting may be oversized or undersized and light/sketchy
- Manual skills such as cutting, using concrete materials and equipment may be less accurate and completed more slowly.

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# AUTISM or Autistic Spectrum Disorder (ASD)

Typical behaviours may include the following:

- Little or no eye contact
- Abnormalities in the development of cognitive skills; for example, poor learning skills or resistance to normal teaching methods
- Unusual responses to sensory inputs, such as covering the ears
- Sense of touch, taste, sight, hearing and/or smell may be heightened or diminished
- Bizarre eating patterns
- High pain threshold

# AUTISM or Autistic Spectrum Disorder (ASD) CONT.

- Crying or laughing for no apparent reason
- Self-injurious behavior such as head banging, scratching and biting
- Abnormal sleep patterns
- The development of speech and language may be abnormal, delayed or absent.
- A person shows minimal reaction to verbal input and sometimes acts as though deaf.
- The repetition of words, questions, phrases and/or sentences over and over again
- Endless monologues about their special interests without adapting to the needs of the listener
- Words and phrases may be used incorrectly.
- The production of speech may be unusual. A flat monotonous tone or inappropriate variations in tone are often noted.

# COMPETENCIES IN CLASS

- Language
- Speaking
- Reading
- Writing
- Mathematics

**NB: All learners can learn and all learners need support**

# LANGUAGE AS A BARRIER TO LEARNING

1. Manifestations of language problems
2. Possible causes of language barriers
3. Support Strategies

# WRITING AS A BARRIER

## NOTE: Foundation and Intermediate phases

Consider essay, spelling and handwriting as main components of writing

Focus on underlying causes, manifestations (how can we see) and support

For example: some learners may experience problems with essay writing due to cognitive problems which result in disordered thinking and they cannot write a coherent essay. Essay writing a part of writing in all the phases (p. 275)

- *The learners sit in sit in the classroom (note repetition)*

Manifestations: These learners write a simple, short, repetitive and disordered sentences

Support: focus on mastering the basic concepts and build further from them

# BARRIERS RELATED TO READING – APPENDIX L

By the end of this section, you should be able to:

- Define the concept 'reading'
- Define the components of reading
- Discuss factors which may cause reading difficulties
- Discuss manifestations of reading difficulties
- Discuss strategies which can be used to support learners with reading difficulties



# BARRIERS RELATED TO READING- cont.

- Decoding
- and Reading comprehension as components of reading

## Underlying causes of difficulties

- Learning disabled – due to neurological impairments such as dyslexia
- Unwilling learners
- Underachievers
- Slow learners\*\*\*\* learners with limited intellectual abilities but this terms is not acceptable anymore in Inclusive Education

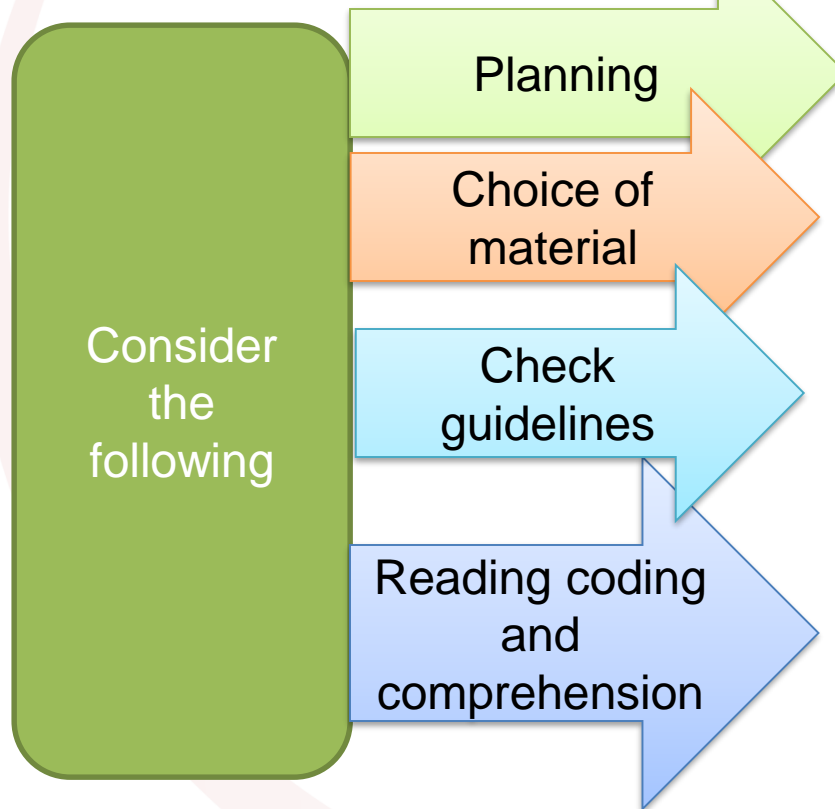
# READING - MANIFESTATIONS

- Poor sight vocabulary
- Reading slowly and inaccurately
- Poor reading comprehension
- Poor self concept and low motivation to read etc.

NB: Proceed to the next pages to study about reading problems per phase and language level e.g. home lang./first additional

# BARRIERS RELATED TO READING - SUPPORT

Consider the following:



# BARRIERS RELATED TO MATHEMATICS

At the end of this section, you should be able to:

- Define the concept 'mathematics' and its branches
- Define mathematical readiness
- Factors that may lead to problems in mathematics
- Manifestations
- Support/Aid to learners experiencing difficulties in mathematics

NB: Read the whole section and focus more on learners at your phase

# FACTORS THAT MAY LEAD TO DIFFICULTIES

NOTE: These factors may combine with a number of other factors such as general learning difficulties to cause difficulties in learning.

- Inadequate instruction by the teacher – check school related factors
- Aimless focus on drill work
- Negative attitudes towards mathematics
- Reading difficulties may impact on mathematics

# MANIFESTATIONS

## Foundation

- $4+3 = 7$ ,  $6 - 4 = 10$ ,  $2 \times 5 = 7$

## Intermediate

- Unable to read numbers greater than 100
- Cannot understand long multiplication and division
- Struggle with capacity, money etc. – 1 litre in a big cup, in a flay plastic container and in a bottle

# AID/SUPPORT

General considerations such as adequate planning, attitudes, motivation, early identification etc.

Specific considerations:

- Explain the concepts clearly
- Use concrete teaching aids
- Show the physical closeness of numbers when teaching rounding off
- Align the learners' real work with mathematical problems

# EMOTIONAL DIFFICULTIES

- It applies to learners at all levels but affect them differently
- Unmet emotional needs – read early signs/manifestations
- Look for strategies to support these learners especially teenagers



# CONTACTS

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END

Thank you