

EVALUASI PEMBELAJARAN FISIKA

PENGEMBANGAN INSTRUMEN EVALUASI DAN ASESMEN

BY GROUP 4





INTRODUCE OUR GROUP MEMBER:



Naviatun Istiqomah Nadia Agustina Suci Wulan Sari Julia Krisnawati

2213022006

2213022009

221302215

2213022023





Sub Topik

**UNDDERSTANDING
EVALUATION
INSTRUMENTS**

**PRINCIPLE OF
EVALUATION
PROCEDURES**

**STEPS TO PREPARE
AN EVALUATION
INSTRUMENT**

**STEPS
FORDEVELOPING
AN EVALUATION
INSTRUMENT**





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**TYPES OF TEST
TECHNIQUE
EVALUATION
INSTRUMENTS**

**TYPES OF
EVALUATION
INSTRUMENT NON-
TEST
TECHNIQUES**

**STEPS IN PREPARING
AN ASSESSMENT**

**DEVELOPMENT OF
ASSESSMENT
INSTRUMENT**





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**INSTRUMENT
DEVELOPMENT
METHODS AND
TECHNIQUES**

**DEVELOPMENT OF
COGNITIVE,
AFFECTIVE, AND
PSYCHOMOTOR
ASESMENT**



first material

Undderstanding evaluation instruments

The evaluation instrument is a tool for measuring student learning outcomes, factors believed to be related or affecting learning outcomes, increased learning outcomes, educational progress and educational experiences, and fulfillment of certain projects are useful.



first material

>>>> Principle of evaluation procedures

The principles of evaluation procedures are as follows :

- The learning objectives to be evaluated must be clear
- The technique chosen in evaluation must be truly in accordance with the learning objectives
- The evaluation technique chosen must meet the needs of students



Steps to prepare an evaluation instrument

The steps in preparing the evaluation instrument consist of four steps, namely:

Determine the material unit to be evaluated or tested, Formulate common learning objective, Prepare the grille, and create test items



steps for developing an evaluation instrument

Instrument development steps are:

- **Determine instrument specifications**
- **Writing instrument**
- **Determining Instrument Scale**
- **Scoring System**
- **Been instrumental**
- **Assesmbles instrument**
- **Instrument testing**
- **Analysis of test results**



types of technique evaluation instruments

The types of evaluation instruments are divided into 2,
namely test and non-test technical evaluation
instruments



steps in preparing an assessment

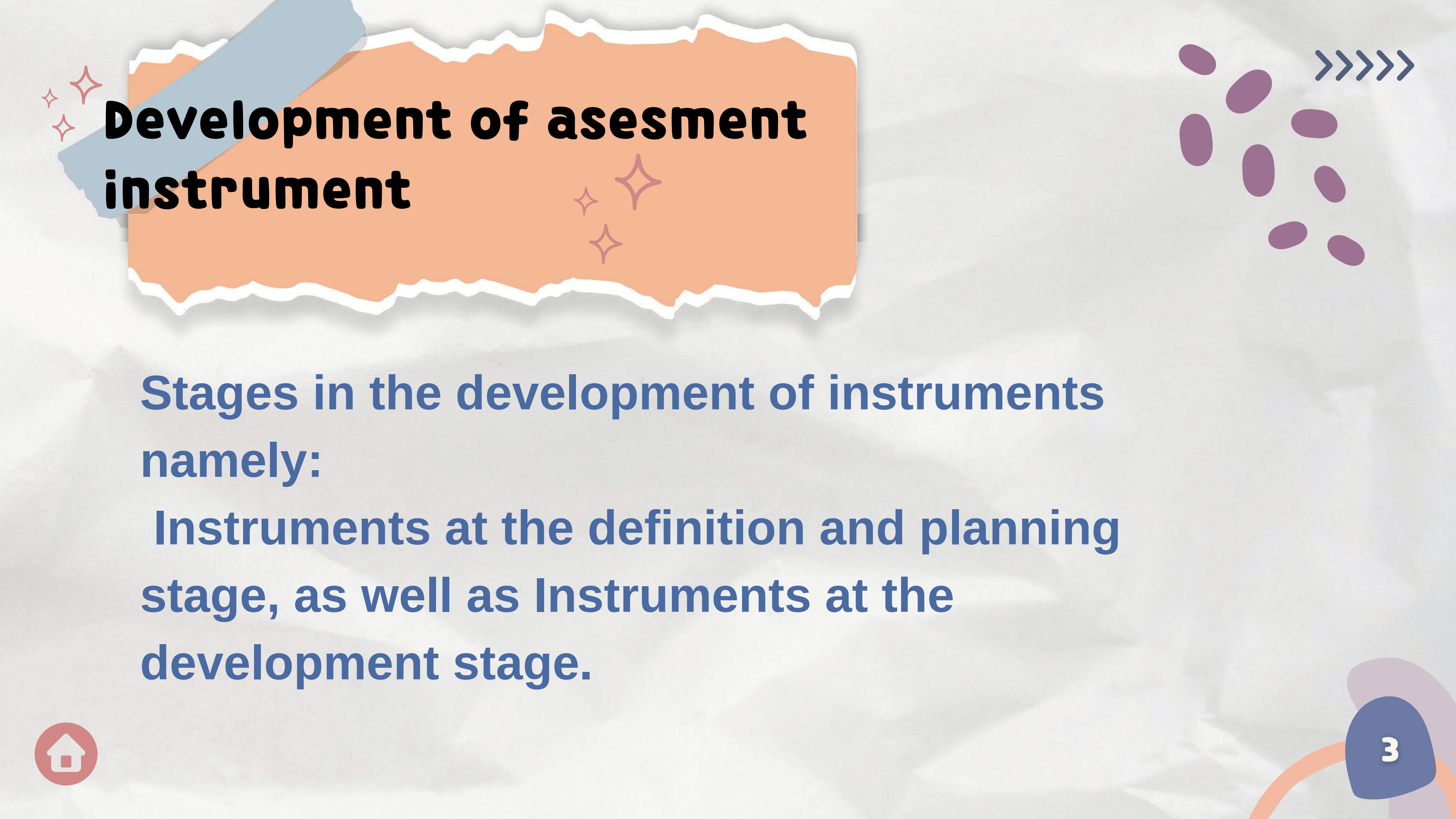
To obtain accurate data from students who will be assessed, adequate instruments are needed. The following are the steps for preparing an assessment instrument:



steps in preparing an assessment

- Understanding the aspects and scope that will be accessed
- Determining the scope
- Preparing an assessment instrument grid
- Developing question items based on the grid that has been created



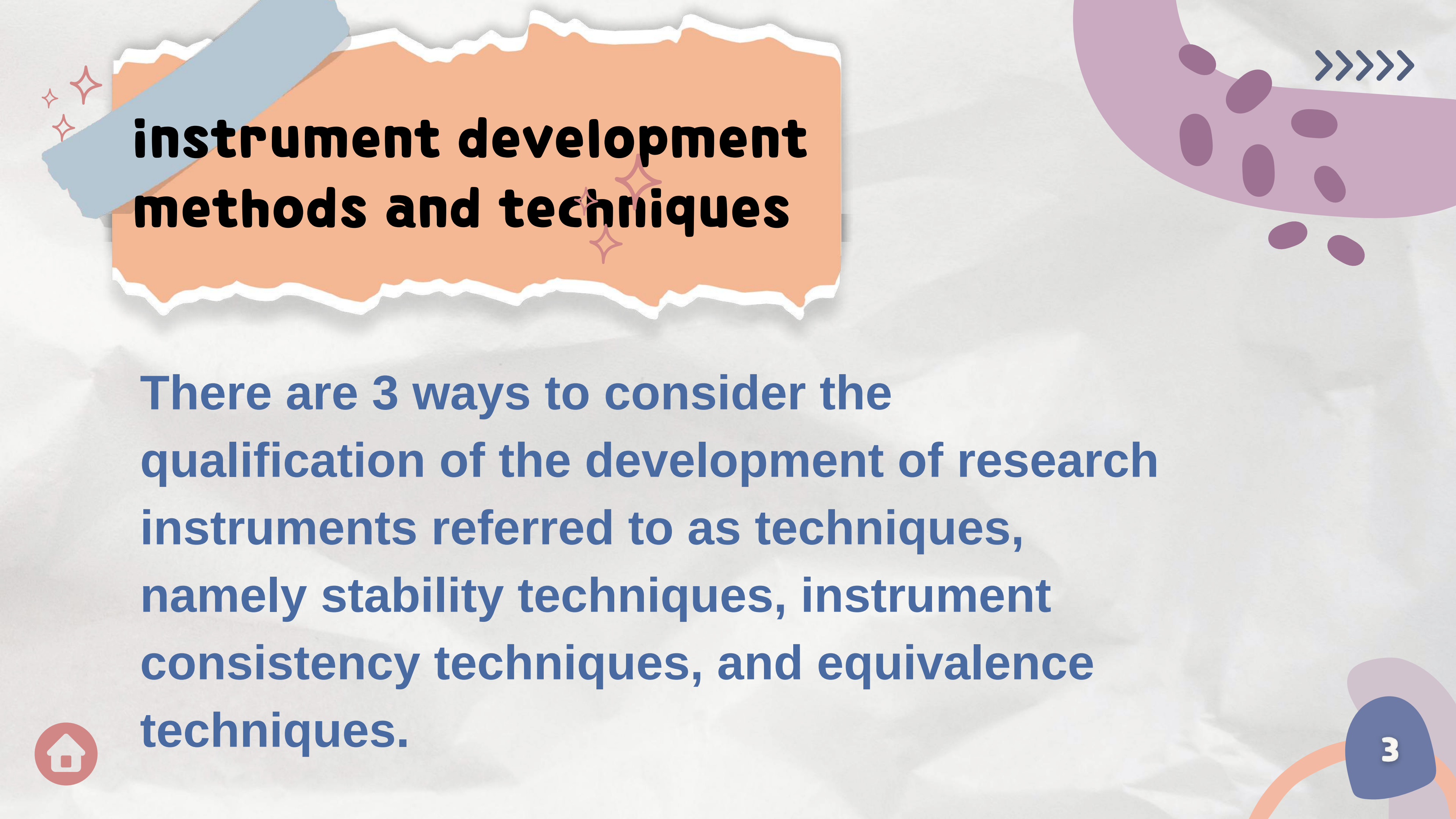


Development of asesment instrument

Stages in the development of instruments namely:

Instruments at the definition and planning stage, as well as Instruments at the development stage.





instrument development methods and techniques

There are 3 ways to consider the qualification of the development of research instruments referred to as techniques, namely stability techniques, instrument consistency techniques, and equivalence techniques.



development of cognitive, affective, and psychomotor asesment



Assessment of the achievement of student competence includes assessment in the cognitive, affective, and psychomotor realms.





THANKYOU FOR ATTENTION GUYS!!!

**Have any question? We are ready to
answer!.**

