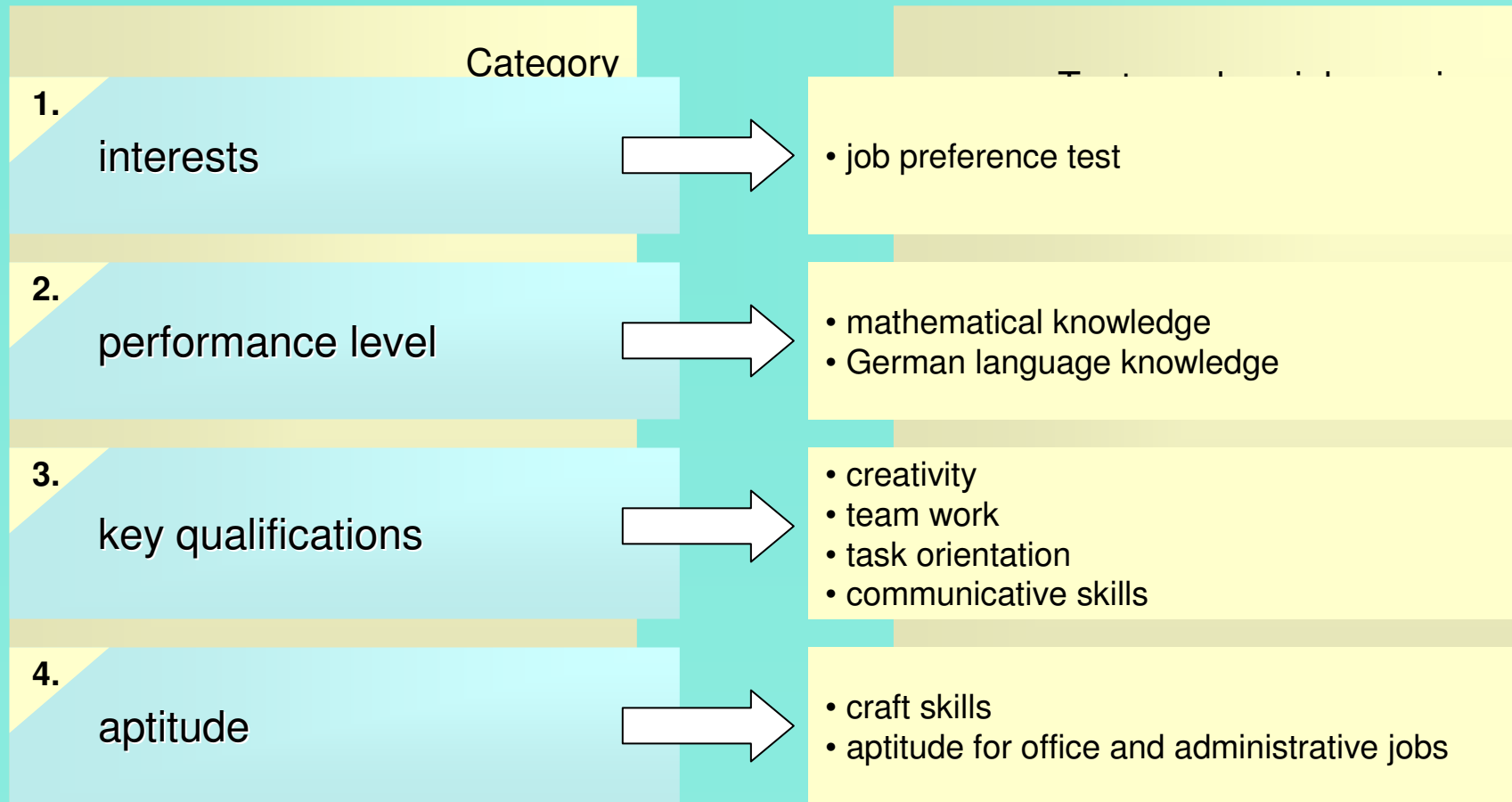


Assessment of Aptitude at Secondary Schools

Structure

Structure of Assessment of Aptitude



Examples

Assessment of Aptitude at Secondary Schools

Job Preference Test

Objective

Covering career aspirations

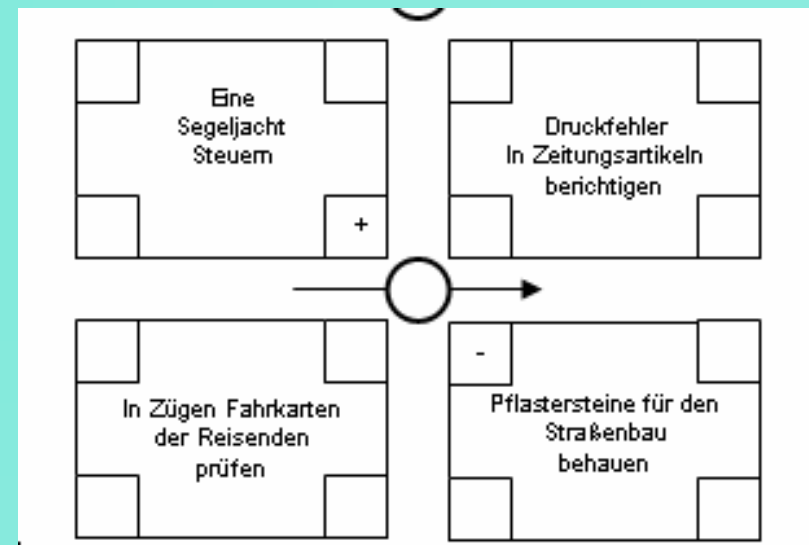
Description

The students are supposed to choose their preferences regarding various activities.

As this nine different ways of interest will be diagnosed which will be compared using the forced choice method.

e.g.:

- engineering craft
- food production craft
- administrative jobs
- etc.



In each box there is an activity shown, and at each crossways there is an arrow. Walking through the streets you are supposed to stop at the circle always located exactly at a crossways and read the instructions of all four boxes around the crossways comparing them with each other. One of the four activities, the student will like best (+) and one worst (-). Altogether a path with 100 boxes will be dealt with.

Assessment of Aptitude at Secondary Schools

Examples

Practical Test

Objective

Establishing craft skills

Criteria

- use and control of tools
- practice and pace
- cognition and balance
- apprehension of briefing and implementation
- measuring accuracy and precision

Example

General:

The practical test will comprise various activities. Before the test the students will have the chance to familiarize themselves with the tasks.

Example: 'Screw Board'

Assorted screws, washers and nuts are supposed to be assembled and disassembled as quickly as possible. The time needed will be clocked.



Beispiele

Assessment of Aptitude at Secondary Schools

Clerical Work Test

Objective

Covering qualifications for clerical jobs

Test Criteria

- fast and flawless arranging
- careful and diligent comparing and checking
-
- spelling and dealing with numbers

Description

Various office routine jobs

Example (on the right):
Comparing each copy with the corresponding master copy and counting mistakes made in the copy. Each letter and each number which do not correspond to the master copy or are omitted will count as a mistake.

Original		Telefon	
1. Egon Kluge	Hamburg, Allhorn 24	82 45 67	
2. Wolfgang Müller	Bonn, Grotestr. 78	69 85 41	
Abschrift		Telefon	Anzahl Fehler
1. Egon Klage	Hamburg, Allhorn 25	82 45 67	_____
2. Wolfgang Möller	Bons, Grotestr. 78	69 84 41	_____

Examples

Assessment of Aptitude at Secondary Schools

Job-Related Arithmetic Test

Objective

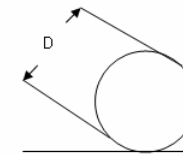
Establishing available arithmetical knowledge, especially required for job profiles in trade,- craft- and technical jobs

Description

Sundry exercises without any aids with time allocated

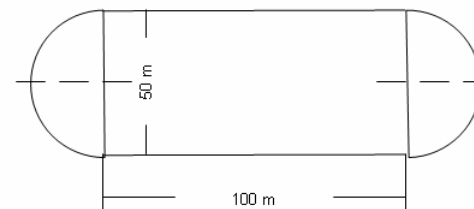
- Basic arithmetic operations
- Fractions
- Percentages
- Measurements
- Algebra
- Geometry

24. Das Rad hat einen Durchmesser von 0,6 m. Welche Strecke legt es zurück, wenn es sich 100mal dreht?



25. Berechne den Umfang eines Baumes, der einen Durchmesser von 0,8 m hat.

26. Berechne den Flächeninhalt des Stadions!



*Assessment of Aptitude at Secondary
Schools*

Examples

Bridge Building

Objective

Establishing personal, social and methodical competencies

Criteria of Supervision

- Problem solving ability
- Communicative skills
- Team work

Description

The students will be divided into groups. Each team will be supposed to design a bridge using four sheets of card/pencil/scissors/glue.

The bridge is to span a distance of 40 cm and to carry a weight of 500 g (at least a pocket book).



Examples

Assessment of Aptitude at Secondary Schools

Presentation Practice

Objective

Covering personal and methodical competencies

Criteria of Supervision

- Language skills
- Presentation skills (free speech, gestures, facial expression, eye contact, comprehensibility)

Description

After 30 minutes' time to prepare the students will be supposed to give a short talk (of five minutes) on a given topic.

