ART
Abstract Reasoning Test

ACER

Overview

The ACER **Abstract Reasoning Test** (ART) assesses student ability to use non-verbal reasoning skills. Such reasoning is widely applicable across the curriculum, and beyond school, and is related to scholastic outcomes. The items are particularly useful when assessments need to be done independent of language skills.

Abstract items require students to solve problems by hypothesising, identifying and applying patterns and relationships presented in diagrammatic form.

The Tests

The program is available for:

▌ Middle primary

▌ Upper primary/lower secondary

▌ Middle secondary

There are five levels of testing between middle primary and middle secondary suitable for general population or gifted students.

Benefits for Schools

▌ Assist in establishing class groups

▌ Assist in the identification of students in need of extension work or remedial intervention

▌ Help identify underachieving students

▌ Facilitate the tracking of student performance over time

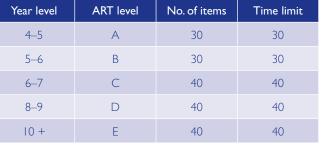| Year level	ART level	No. of items	Time limit
4–5	A	30	30
5–6	B	30	30
6–7	C	40	40
8–9	D	40	40
10 +	E	40	40

Background

ART was developed by ACER as a user-friendly contemporary alternative method of measuring reasoning abilities. It offers teachers a highly effective test and reporting system.

Advantages

▌ No supervisor training required

▌ No need to purchase administration guidelines, test papers and answer sheets separately – all are provided under a single per-candidate charge

▌ All ART tests are age appropriate

▌ Online and easy to administer

▌ Instant access to scores and certificates

▌ Timed test

▌ ART is secure – cannot be purchased by individuals and is suitable for high-stakes testing

Pencil and paper version is available for large cohorts.

Distinguishing Features

▌ Age Focused

  • Provides more reliable outcomes than programs designed to accommodate wide age ranges

▌ Different Tasks Within the One Test

  • Test can contain tasks that require students to:

    - 'Complete the Pattern'

    - Identify the 'Next in Sequence'

    - Identify the 'Middle of Sequence'

▌ Assesses Reasoning Ability

  • Curriculum-free, as learned knowledge is not being tested

  • Language-free, providing a measure of reasoning skills not hampered by the level of language ability

▌ Monitor Development

  • Tests are placed on a common scale allowing schools to monitor development over time

▌ Live Instrument

  • Online program is more secure than printed tests

  • Enables ACER to monitor item performance and update as necessary

The Process

All five ART tests are delivered online to students through ACER's iAchieve platform. Schools are able to login immediately after testing to receive instant access to results, reports and student certificates.

To begin using ART, simply go to the following website **https://iachieve.acer.edu.au** and click on the "Apply for a School Code" link.

Once you have submitted your school code application ACER will contact you with your school login information so that you can purchase and administer the tests.

If you have a large cohort of students and wish to use the pencil and paper tests, please contact us at **art@acer.edu.au** or phone **+61 3 9277 5749**.