

EDUball/BRAINball

Cross-Curricular Integration Map

The EDUball/Brainball Cross-Curricular Integration Map is a visual chart that demonstrates how a single ball can support learning across multiple subject areas: mathematics, language, science, geography, foreign languages, and physical education.

The map highlights that one ball enables six different learning activities, encouraging movement-based, interdisciplinary teaching.

INSTRUCTION

- The Integration Map should be displayed as a poster in a place that is clearly visible and easily accessible to all children (e.g., on a wall in the sports hall).
- Place the EDUballs/BRAINballs in the opposite part of the sports hall. The balls may be spread out freely on the floor or stored in bags.
- At the teacher's signal, children run to the balls, choose one ball (yellow or green), and return to the poster.
- Each child's task is to complete one activity in each of the six subject areas shown on the map: Mathematics, Language, Science, Geography, Foreign Languages, and Physical Education.
- After completing all six tasks, the child presents their solutions to the teacher. Once the teacher approves the completed tasks, the child runs back, returns the previously chosen ball, and selects a different ball. The activity continues until all children have had the opportunity to work with multiple balls and complete the interdisciplinary challenges.

The EDUball/BRAINball Integration Map is an effective tool for interdisciplinary teaching, helping teachers combine physical activity with cognitive tasks to support holistic child development, increase motivation, cooperation, and learning effectiveness.

This approach encourages active participation, independence, and creativity, while reinforcing knowledge across multiple subjects. As a result, learning becomes more dynamic, meaningful, and enjoyable for all students.

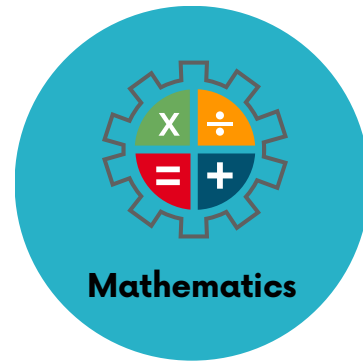


EDUball/BRAINball

Cross-Curricular Integration Map



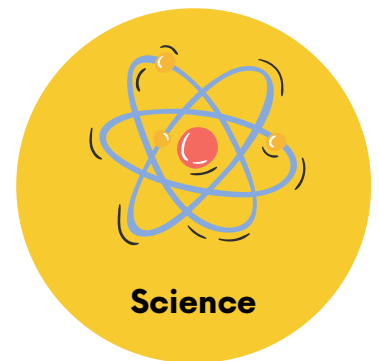
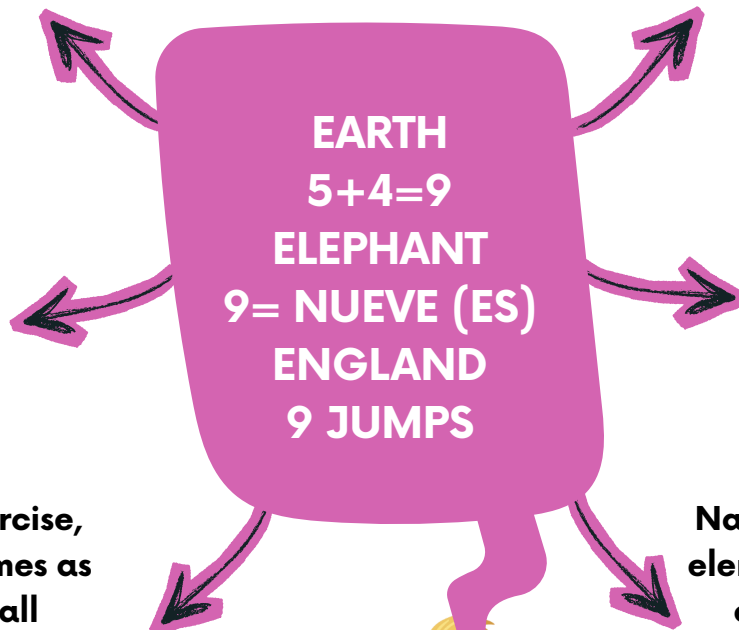
Say a word beginning with the letter on the ball



Solve an addition or subtraction problem using the number on the ball



Perform a physical exercise, repeating it as many times as the number on the ball



Name an animal, plant, or element linked to the letter or number on the ball



Name a country, city, river, or mountain beginning with the letter on the ball



Translate the word or number on the ball into another language

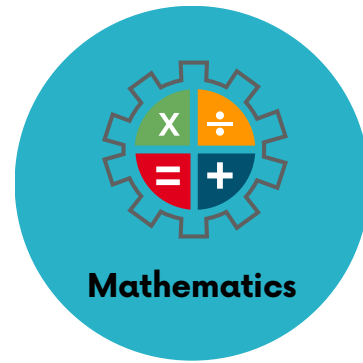
EDUball/BRAINball

Cross-Curricular Integration Map



Language

Say a word beginning with the letter on the ball



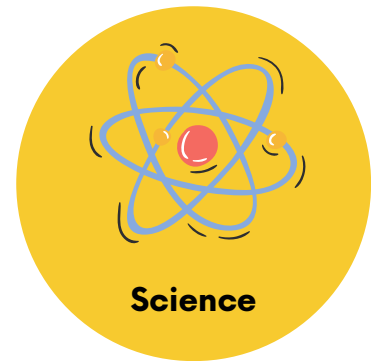
Mathematics

Solve an addition or subtraction problem using the number on the ball



Physical Education

Perform a physical exercise, repeating it as many times as the number on the ball



Science

Name an animal, plant, or element linked to the letter or number on the ball



Geography

Name a country, city, river, or mountain beginning with the letter on the ball



Foreign Language

Translate the word or number on the ball into another language