

SECOND YEAR

NATURAL NUMBERS

Contents	Game	Objectives
Multiple-divider ratio Divisibility	The diabolical ring	Automating divisibility criteria (2,3,5) Extending the concept of multiple divider
Decomposition in prime factors. HCF / l.c.m (l.c.m =lowest common multiple) (HCF = highest common factor)	Encrypted Mail	Practicing factorial decomposition and calculation power. Automating the calculation of HCF and l.c.m.
Exact square roots and whole roots	Spiral of Fortune II	Acquiring the concept of square root of a whole number and the approximate solution

NATURAL NUMBERS

Contents	Game	Objectives
Operations with whole numbers	Medieval Tournament I'm going to get you!	Automated calculation of addition and multiplication and division of whole numbers
Hierarchy of operations with whole numbers	Burst the box!	Calculating practice with combined operations
Representation in a Cartesian coordinate system	In the infinite	Understanding the function of the Cartesian coordinates in the plane

RATIONAL NUMBER

Contents	Game	Objectives
Recognition of fractions	Dominoes III	Identifying equal parts
Equivalent fractions	Think Cross	Practicing the fundamental property of equivalent fractions
		Distinguishing

Equivalent fractions and relationships Order	Masters series	equivalent fractions and relationships \leq, \geq
Multiplication of fractions	Fold and multiply	Justifying the mechanisms of calculation in the multiplication of fractions

ALGEBRA

Contents	Game	Objectives
Problems with first-degree equations	We will solve the problem II	Starting in solving equations with first-degree

GEOMETRY*

Contents	Game	Objectives
Areas of plane figures	Fit it in the quadrilateral	Justifying the formulas for finding areas of plane figures
Measure angles	Close Encounters in the galaxy	Measuring angles as a way to orient themselves in the plane

* This section will be completed in the coming years