

D1.1 - French language spoken and written (Common base) - Cycle 4

Significant elements and skills expected at the end of the cycle

Express yourself orally

Be capable to speak continuously for a variable duration depending on the type of speech (from five to ten minutes at most, if the subject crosses narration, description, opinion and argument. of only one of these components), with a few reminders from the teacher if necessary.

Be able to express an impression, an opinion, an opinion in a reasoned way, respecting the forms of a codified and socialized oral.

Show that he knows how to show a relative freedom in his speech in relation to his preparation notes.

Understanding oral speaking

Reformulate the general meaning of an oral discourse discovered in an autonomous manner and adapted by its references and its level of language to the knowledge defined by the programs.

Report on the general content of complex oral speeches (conversations, debates)

Read and understand the written word

Understanding of an unknown text of about thirty lines or of a document associating an image and a written statement, by relying on precise elements of analysis and by mobilizing linguistic and cultural knowledge.

Account of what he retains from reading a work and highlighting the essentials of a long text.

To write

That he is capable of written answers developed and argued to questions of comprehension and analysis of a text and / or an image.

That he knows how to write a text of up to 2000 to 3000 signs in a correct global language, consistent with the expectations in language study, and sufficiently rich to allow him to produce an inventive, interesting and compliant text to the statement of the exercise, or to express his thought in a reasoned and nuanced way.

That the text produced be written in a language sufficiently mastered so that its intelligibility is not compromised.

That specialized vocabulary be reinvested wisely.

Exploit language resources

That it mobilizes the knowledge and orthographic and syntactic procedures studied to produce a text of up to 2000 to 3000 signs in a correct global language

That he can revise a statement produced by himself or another writer on the basis of indications guiding this revision. Let him know how to analyze lexical units in context by relating them and basing himself on the analysis of their form.

That he knows how to analyze the properties of one or more linguistic elements by referring them to the system of the language and by comparing them presented to the system of another language.

Reflect on the linguistic system

That it mobilizes the knowledge and orthographic and syntactic procedures studied to produce a text of up to 2000 to 3000 signs in a correct global language.

That he can revise a statement produced by himself or another writer on the basis of indications guiding this revision. Let him know how to analyze lexical units in context by relating them and basing himself on the analysis of their form.

That he knows how to analyze the properties of one or more linguistic elements by referring them to the system of the language and by comparing them presented to the system of another language.

D1.2 - Foreign and regional languages (Common base) - Cycle 4

Significant elements and skills expected at the end of the cycle

Read and understand the written word

Can understand very short, very simple texts sentence by sentence, identifying names, familiar words and very basic phrases and rereading if necessary. A1

Can understand short, simple texts on common concrete topics with a high frequency of everyday language. A2

Can read direct factual texts on subjects related to his field and interests with a satisfactory level of comprehension. B1

Write and react by writing

Can write single phrases and sentences in isolation A1 Can write a series of simple phrases and sentences linked by simple connectors such as "and", "but" and "because". A2

Can write a simple, short statement on familiar or familiar topics. B1

Listen and understand

Can understand familiar words and common phrases about himself, his family and his surroundings. A1

Can understand a brief intervention if it is clear and simple. A2 Can understand factual information on simple subjects, distinguishing general idea and points B1

Speaking continuously

Can produce simple, isolated expressions about people and things. A1

Can describe or simply present people, living conditions, daily activities, likes and dislikes, by courtesy A2

Can relate an event, experience or dream, describe a hope or a but and briefly state reasons or explanations for a project or an idea. B1

React and dialogue

Can interact briefly in familiar situations, using simple words and expressions and with loaner speed. A1

Can interact with reasonable ease in well-structured situations and short conversations provided the the speaker provides help if necessary. A2

Can express an opinion, manifest a feeling and give some simple elements of context on an abstract or cultural subject. B1

D1.3 - Mathematical, scientific and computer languages (Common base) - Cycle 4

Significant elements and skills expected at the end of the cycle

Use numbers

Understand and use the concepts of divisibility and prime number.

Perform (mentally, by hand, with a calculator, using a spreadsheet) calculations involving the four operations and comparisons on positive or negative rational numbers.

Perform numerical calculations for powers.

Switch from one writing of a number to another (decimal and fractional writing, scientific notation, percentages).

Understand and use the concept of square root.

Find a number on a graduated line.

Recognize and resolve a situation of proportionality.

Use literal calculus

Quote and use a literal expression, especially to express a quantity in terms of other quantities.

Produce a literal expression.

In a literal expression, substitute a letter with a numeric value, using the appropriate units if necessary.

Put a simple problem into an equation.

Solve first degree equations or inequalities.

Express a quantity, the evaluation or the evaluation in a suitable unit

Accompany with its unit any numerical value of a physical quantity, calculated or supplied.

Use a coherent system of units in numerical calculations.

Switch from one language to another

Switch from everyday language to scientific or technical language and vice versa.

Switch from one representation register to another (table, graph, sketch, symbol, diagram, etc.).

Exploit, in simple situations, the differences (complementarity, redundancy, complexity, etc.) between different representation registers

Use the language of probability

Use vocabulary related to elementary notions of probability:

Calculate probabilities in a simple context.

Make the link between frequency and conversation.

Simulate a random experiment.

Use and produce representations of objects

Use and produce geometric figures.

Read plans and maps.

Find your way around maps at different scales.

Use cartographic language to produce graphics.

Understand the effect of some transformations (displacements, enlargements-reductions) on geometric quantities.

Locate on a graduated line, in the plane provided with an orthogonal reference, in a rectangular parallelepiped, on a sphere.

Use and produce representations of solids.

Read, interpret and produce tables, graphs, diagrams.

Use statistical indicators.

Use algorithmics and programming to create simple applications

Explain the process and the result produced by a simple algorithm.

Write an algorithm or a program that allows interaction with the user or between the objects he uses, in response to a given problem.

Develop a program to correct an error or make an improvement.

Implement and test a program in a real system to impose behavior.

D1.4 - Language of the arts and body expression (Common base) - Cycle 4

Significant elements and skills expected at the end of the cycle

Take part in physical, sporting and artistic activities

Design and carry out an optimal performance project.

Manage your effort, make choices to achieve the best performance in at least two athletic families and / or at least two swimming styles.

Engage in an individual or collective preparation program.

Plan and carry out a combined event.

Warm up before an effort.

Design and lead a trip in a usual environment.

Succeed in a planned trip in a more or less well-known landscaped or artificially recreated natural environment.

Manage your resources to complete a secure journey.

Ensuring the safety of his comrade.

Design, present and appreciate a gymnastic and / or artistic bodily performance.

Mobilize the expressive capacities of the body to imagine, compose and interpret an artistic or acrobatic sequence.

Participate, within a group, in the development and formalization of an artistic project.

Appreciate services using different observation and analysis media.

Register in a game project to seek the winning of the match.

Carry out decisive actions in a favorable situation in order to shift the balance of power in his favor or in favor of his team.

Adapt your motor engagement according to your physical condition and the balance of power.

Show solidarity with your partners and respect your opponent (s) and the referee.

Observer and co-arbitrator.

Accept the result of the meeting and know how to analyze it objectively.

Practice the arts by mobilizing various artistic languages and their expressive resources

Mobilize vocal and bodily techniques in the service of an interpretation or musical creation project.

Oralize a literary text by mobilizing the techniques produced.

Mobilize various means (materials, instruments, techniques, gestures ...) in different fields of plastic practice to serve a singular artistic project.

Conceive, create, and reflect plastic productions in a personal artistic aim, by taking a step back on the questions carried out, by establishing links with works and reference processes.

Conceive, create, produce and reflect musical pieces with reference to styles, works, interpretation or distribution constraints.

D2 - Methods and tools for learning (Common base) - Cycle 4

Significant elements and skills expected at the end of the cycle

Organizer Personal work

Choose and use different tools and techniques to keep track of your activities and / or research and allow training through personal work.

Plan the steps and tasks for the realization of a production

Cooperate and carry out projects

Define and respect an organization and sharing of tasks within the framework of group work.

Research and process information and learn about media languages

Search for information in different media (print, audiovisual, web) and documentary resources.

Appreciate the reliability of the information disseminated by crossing different sources.

Mobilize digital tools to learn, exchange, communicate

Use digital tools to produce a production (scientific, artistic, motor, experimental, multimedia document, etc.).

Use digital tools to analyze data or a production (oral, artistic, motor, technological, etc.).

Use tools and digital spaces to exchange, store and share information.

D3 - The training of the person and the citizen (Common base) - Cycle 4

Significant elements and skills expected at the end of the cycle

Master the expression of their sensitivity and opinions, respect those of others

Explain the emotions felt.

Formulate an opinion, take a distance from it, confront it with that of others and discuss it.

Know and understand the rule and the law

Appropriate and respect the operating rules of their establishment and smaller groups, and participate in their development.

Know, understand and analyze the principles, values and symbols of the French Republic and democratic societies.

Exercise critical thinking, reflect and exercise good judgment

Report on the arguments developed by different protagonists relative to a theme.

Use the media and information in a responsible and reasoned manner.

Distinguish between what is a belief or an opinion and what constitutes scientific knowledge (or fact).

Distinguish subjective perception from objective analysis.

Demonstrate responsibility, respect the rules of collective life, commit and take initiatives

Assume responsibilities and take initiatives in the establishment and / or in the classroom.

Get involved in setting up an event in the establishment.

D4 - Natural systems and technical systems (Common base) - Cycle 4

Significant elements and skills expected at the end of the cycle

Carry out a scientific process, solve a problem

Extract and organize useful information and transcribe it into a suitable language.

Implement simple logical reasoning.

Model and see phenomena and objects.

Implement an experimental protocol, make the prototype of an object.

Practice numerical calculation (exact and approximate) and literal calculation.

Check the plausibility of a result.

Communicate on its processes, results and choices, by arguing.

Design technical objects and systems

Design simple objects, computer program elements, biotechnological protocols in response to a need.

Identify rules and principles of individual and collective responsibility, in the areas of health, safety, the environment.

Apply and autonomously the rules of safety and respect for the environment.

Identify rules and principles of individual and collective responsibility in the areas of health, safety and the environment

Explain a rule of safety or respect for the environment.

Explain the impact of different human activities on the environment.

Explain responsible behavior in the area of health, safety and the environment.

D5 - Representations of the world and human activity (Common base) - Cycle 4

Significant elements and skills expected at the end of the cycle

Situate and situate oneself in time and space

Autonomously master the benchmarks over time:

Know and locate in time major historical periods, historical phenomena, facts and events, intellectual, artistic and cultural movements;

Situate and order facts in time. practicing conscious back and forth in the chronology, mastering the narrative chronology, knowing how to organize a story.

Autonomously master the landmarks in space:

Know and locate spatial landmarks at different scales and on various advanced projections.

Locate and locate places in space using plans, maps and geolocation tools.

Situate and relate places and spaces using maps of various scales and projections and images.

Contextualize a document, a text, a work, an artist, a character, a scientific discovery, an artistic fact or a notion in time and in one or more geographical and cultural areas.

Analyze and understand human organizations and representations of the world

Make relevant references to major works and representations of the world. appreciate and characterize its value and scope.

Mobilize knowledge to analyze and understand documents, texts or works testifying to the main human organizations of the past or present

Analyze of some sustainable development issues in the context of the companies studied

Understand and interpret texts or works.

Exercise his critical eye on various works and documents.

Analyzer of some issues of sustainable development in the context of the companies studied.

Reason, imagine, develop, produce

Describe and relate, explain a geographical or historical situation, an artistic or cultural situation or fact.

Develop reasoning and express it using various languages.

Analyzer and interpreter of works and formulate a reasoned personal judgment on them.

Practice various forms of invention and argument writing.

Practice various artistic languages in connection with the knowledge of works and the creative process.