



2025–2026 ACADEMIC YEAR
GRADE 9 CHEMISTRY PROJECT

NAME OF THE PROJECT: THE EVOLUTION OF THE ATOM

Grade	Content	Acquisition	Duration	Assessment
9	Sub-branches of Chemistry	Explain the sub-branches of chemistry	Academic year	Research report & interview & video

Dear student;

The objective of this project is to learn about the sub-disciplines of chemistry. The scope and study area of chemistry is so wide. For this reason, it is divided into various branches to facilitate research. You should research what the sub-branches of chemistry are. Tell me which sub-branches of chemistry are the most important for you and why. Also, get information about the professions related to chemistry. You should interview one of the people who do one of these professions. This interview should include information about the place and importance of chemistry in one's profession.

Important Warning

- Do not copy sentences directly from books, the internet, or AI tools (such as ChatGPT).
- Write in your own words.
- Always give the reference when you use another person's idea, picture, or sentence.
- When you complete the experiment, you must also submit a **video recording**. In the video, it must be clear that **you are doing the experiment yourself**.
- During poster or model-making assignments, the entire process of **your work must be photographed or recorded as a time-lapse video**.

You should follow the following steps;

- A. Research & Research report**
- B. Interview & Video**
- C. Important Notes**

A. Research & Research report

- Determine the subtitles
- Determine the references

(A minimum of 5 sources is required:

*Only 3 websites are allowed as sources

*You may use your text as a source

- A cover paper, research of the subtitles, preface, contents, quotation, footnote etc.
- Explain why you chose this assignment in a preface.
- Determine what the sub-branches of chemistry of matter are and give detailed information about each branch.
- Explain the importance the chemistry sub-branches. Why did people need sub-branches?



- What was the benefit of dividing chemistry into sub-branches?
- A glossary
- References

B. Interview & Video

Guidelines:

- Your interview should include ten original questions.
- Be Creative!
- Your interview must be neat, colorful and contain enough information. Use pictures, visuals related to your subject.
- Your interview should be in clear and understandable way.
- The questions you prepare should be inclusive and diverse.

Evaluation of your own work and Conclusion:

- * Add all the details about the difficulties you had throughout your research experience.
 - * Explain how you improved your research methods in this study. (What contributions did this assignment make to you?)
 - * What would you change about this assignment if you were at the beginning of your study? Why? Criticize your work in a paragraph.
 - * Evaluate your own work by responding to the questions below;
1. Is your interview attractive and interesting?
 2. Would you watch or read any report like yours?
 3. Are there any improvement suggestions?
 4. Did any of your family members or friends read/watch your report and make any comments on it? What were the comments?

C. Important Notes

- Do not copy-paste directly from sources; summarize in your own words.
- If you make a direct quotation, provide proper citation.
- The report must be submitted both digitally (Word or PDF) and in printed form.
- Use a readable font (e.g., Times New Roman, size 12) and double line spacing.
- The report should be between 5–8 pages, excluding visuals.

FIRST CHECK: (Planning)

Do your research and determine the references.

SECOND CHECK:

Complete your research report and identify the pictures.

Assessment criteria are attached.



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ACADEMIC YEAR 2025-2026
SCIENCE DEPARTMENT

RESEARCH REPORT & INTERVIEW & VIDEO RUBRIC

	CRITERIA	EXCELLENT (5 POINTS)	GOOD (3-4 POINTS)	FAIR (2-3 POINTS)	POOR (1-2 POINTS)	NOT EXIST AT ALL (0 POINT)	POINTS EARNED
Content of the research paper (25 points)	Determination of the subtitles.						
	Research of the subtitles.						
	Accuracy of the content.						
	Relevancy of the content to grade level.						
	Originality						
Neatness of the research paper (30 points)	Cover paper.						
	Content, design of the title and foreword.						
	Page design. (Fonts, style)						
	Plan, introduction, body, conclusion.						



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	Quotation, footnote, references.						
	Grammar, Labeling, Spelling.						
Quality of the video/report (45 points)	Project Title.						
	Plan, introduction, body, conclusion.						
	Usage of at least 3 visual materials. (Picture, graph, or table.)						
	Attractiveness / Professionalism						
	Creativity and design.						
	Recall scientific knowledge and use scientific understanding to construct specific explanations.						
	Effort						
	Conclusion paragraph. Critically analyze and evaluate information supported by scientific understanding.						
	Discuss and evaluate the moral, ethical, economic, political, cultural, environmental, and social implications of the use of science in solving specific issues.						
TIMING	FIRST CHECK (IF NOT; -5 POINTS) FIRST DRAFT:			SECOND CHECK (IF NOT; -5 POINTS) SECOND DRAFT:		SUBMISSION (IF LATE FOR 2 DAYS; -10 POINTS) SUBMISSION:	



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