

Bahrain Bayan School

EXTENDED ESSAY GUIDE

BBS EE LAB GOOGLE DRIVE:

HTTPS://DRIVE.GOOGLE.COM/DRIVE/FOLDERS/1SCPUCuKzxVkodS1DWHkHSoLINVLEC9cm?usp=sharing

IBDP Department

MAY 2022-2023

This document has been adopted from the IB Extended Essay Guide, 2020 and Hodder Education publication 'Extended Essay-Skills for Success', and the IB Programme Resource Center publications.

WHAT IS THE EXTENDED ESSAY (EE)?

The extended essay is an in-depth study of a focused topic chosen from the list of available Diploma Programme subjects. This is normally one of your six IB chosen subjects, or a subject that you may have some background in. It is intended to promote academic research and writing skills, providing you with an opportunity to engage in personal research in a topic of your own choice, under the guidance of a supervisor whom would be the subject teacher. This leads to a major piece of formally presented, structured writing, in which ideas and findings are communicated in a reasoned and coherent manner, appropriate to the subject chosen.

Reference: https://ibpublishing.ibo.org/extendedessay/apps/dpapp/tsm.html?doc=d 0 eevvv gui 1602 1 e&part=2&chapter=1§ion=4

EE AT A GLANCE

- The extended essay is compulsory for all students taking the <u>FULL</u> Diploma Programme and is an option for course students.
- > A student must achieve a D grade or higher to be awarded the Diploma.
- > The extended essay is externally assessed and, in combination with the grade for theory of knowledge, contributes up to three points to the total score for the IB Diploma.
- > The extended essay process helps prepare students for success at university and in other pathways beyond the Diploma Programme.
- > The extended essay is a piece of independent research on a topic chosen by the student in consultation with a supervisor in the school.
- > It is presented as a formal piece of sustained academic writing containing no more than **4,000** words accompanied by a reflection form of no more than 500 words.
- > It is the result of approximately 40 hours of work by the student.
- > Students are supported by a supervision process recommended to be 3–5 hours, which includes three mandatory reflection sessions.
- > The third and final mandatory reflection session is the *viva voce*, which is a concluding interview with the supervising teacher.

AIMS OF THE EE:

The aims of the extended essay are to:

- Pursue independent research on a focused topic
- > Develop research and communication skills
- Develop the skills of creative and critical thinking
- Engage in a systematic process of research appropriate to the subject
- > Experience the excitement of intellectual discovery.

ASSESSMENT OBJECTIVES

In working on the extended essay, you are expected to:

- Plan and pursue a research project with intellectual initiative and insight
- Formulate a precise research question
- > Gather and interpret material from sources appropriate to the research question

- Structure a reasoned argument in response to the research question on the basis of the material gathered
- > Present their extended essay in a format appropriate to the subject, acknowledging sources in one of the established academic ways
- Use the terminology and language appropriate to the subject with skill and understanding
- Apply analytical and evaluative skills appropriate to the subject, with an understanding of the implications and the context of their research.

WHAT YOU DO FIRST

- Listen to the introductory talk on EEs, read this document and the subject specific guide.
- > Decide on possible subjects. You need to do some background research on these subjects.
 - Arabic, Art, Biology, Business, Chemistry, Computer Sciences, Economics, English, Environmental Sciences, Global Politics, History, ITGS, Math, Psychology, Physics
- Complete the Extended Essay Sign up form on the website.
- You will be assigned a supervisor based upon the subject you signed up for.
- Go see the supervisor, discuss possible topics, questions, and get guidance on what to read.
- Work out a manageable research question with your supervisor.

WHAT IS YOUR RESPONSIBILITY

It is required that you:

- > Choose a topic that fits into one of the subjects on the approved extended essay list (in the Handbook of procedures for the Diploma Programme).
- Observe the regulations relating to the extended essay.
- Meet deadlines; teachers are not responsible to chase after you for your essay.
- Make sure your essay is your work as plagiarism would lead to failing the diploma.
- Acknowledge all sources of information and ideas in an approved academic manner.

It is strongly recommended that you:

- Plan and document your work early.
- Think very carefully about the research question for your essay.
- Plan how, when and where you will find material for your essay.
- Plan a schedule for both researching and writing the essay, including extra time for delays and unforeseen problems.
- ➤ Keep a record of all the primary and secondary sources used as your research progresses (rather than trying to reconstruct a list at the end).
- ➤ Have a clear structure for the essay itself before beginning to write.
- Check and proofread the final version carefully.
- Take your supervisor's advice and follow his/her guidance.
- > Read and understand the requirements of the subject, making reference to the rubric.

THE RESEARCH PROCESS

When researching the extended essay, you should do the following:

STEP 1

Read the Extended Essay overview and the subject specific guide. Refer to the footnote link below¹.

STEP 2

At this stage, you need to explore:

- What your possible topics are.
- What you know about those topics.
- Which words are good search terms and keywords.

Students are encouraged to pick a research topic that interests them. Additionally, it is highly recommended that students pick a topic that will prepare them for the field of their choice at university.

STEP 3

Do some background readings on your topic. Ask yourself...

- What has already been written about the topic?
- Was it easy to find sources of information?
- Is there a range of different sources available?
- Is there a range of views or perspectives on the topic?
- What interesting questions have started to emerge from this reading?

STEP 4

Define your topic. You need to understand what you will be researching. Utilize...

- Google Scholar
- Websites with multiple perspectives
- Sites with background information
- Smart Search Strategies
- Google Search Strategies

You are highly advised to consult our High School Librarian who will provide you with guided guidance and support.

STEP 5

Develop a research question. Refer to this link² to find out how to do that.

¹ https://ibpublishing.ibo.org/extendedessay/apps/dpapp/guidance.html?doc=d_o_eeyyy_gui_1602_1_e

 $^{^2\,\}underline{\text{https://drive.google.com/drive/folders/1hU7nBRD3UgGwCl5J2Dn3EhTnsX8N5-HG?usp=sharing}}\\$

STEP 6

Plan your project. The Extended Essay takes approximately 40 hours to complete. One key to success is to stay on pace. Click here³ to view the timeline set up by the school. Your supervisor and EE Coordinator will check in with you at this time so make sure you are on pace. You need to work hard on developing your self-management skills at this stage. If you need any help, refer to the EE Coordinator, ATL Leader, EE Supervisor, School Counselor or your DPC.

STEP 7

Identify your sources and understand how you will use them. Don't be overwhelmed by the amount of information you find. Only collect what might be useful to you. <u>Here</u>⁴ is a source tracker designed to make your life easier. It is HIGHLY suggested that you use this. When looking at sources, be sure to distinguish between Primary and Secondary sources. You can find out how to do that by checking this <u>link</u>⁵.

It is important to use the correct format when citing these sources as soon as you find them. While it might seem time consuming now, it will save your time later on. Use smart research strategies (See Step 4) to further your research.

It is also important to remember to only use academic sources in your research. Sites like Wikipedia are good for getting background information, but are not considered credible within academic research. For more information on figuring out if a site is credible, check the link here⁶.

Determine what information from your sources is useful for your specific research question. Just because something is interesting doesn't mean it should be included in your project. Be sure to use research methods that are appropriate for your field of research. Your supervisor will be able to guide you on this process.

If you are struggling to find information on your topic, you will need to change your research question.

It is important to use the correct format when citing these sources as soon as you find them. While it might seem time consuming now, it will save your time later on. Use smart research strategies (See Step 4) to further your research.

STEP 8

Manage your time wisely. As full IB students you will have a number of long-term projects that need to be completed. Waiting until the last minute will lead to poor performance and ultimately endanger your ability to pass IB. It is YOUR responsibility to manage your time so that you do not become overwhelmed. Focus on developing your ATL skills, especially your self- management, research, communication and thinking skills. Make use of your advisory classes with your counsellors, your meetings with EE Coordinators, ATL Leader, and EE Supervisors and ask all questions you may have.

STEP 9

Create an outline for your essay. Outlines are a map for writing and will ensure that you cover all that you need to. An outline breaks down your research in a clear, hierarchical manner. Writing an outline before beginning the paper is most helpful in organizing one's thoughts. If your outline is good, your paper should be easy to write.

³ https://drive.google.com/drive/folders/1yHxD2dWqBapyUqP8t2DE-a-qf-aD8s7E?usp=sharing

⁴ https://guides.library.utoronto.ca/c.php?g=251103&p=1673070

⁵ https://drive.google.com/drive/folders/126G4oyZps_i5HXBISF-Cnllxl5_Go54h?usp=sharing

⁶ https://www.easybib.com/guides/citation-guides/citation-basics/how-to-tell-if-website-is-credible/

It is also important to be familiar with the requirements for the EE in your area of research when writing the outline. After you write your outline, cross reference it with the requirements to make sure nothing is missing.

STEP 10

Assess the sources you have used. This can be done by referring to the IB Guide *Effective Citing and Referencing* and the EE checklist. Refer to the link s below ⁷ and the CRAAP TEST_in the footnote below⁸. If you are struggling to find enough credible information on your topic, you will need to change your research question. Add credible sources to your outline where they will be inserted into the essay.

STEP 11

Complete your research. Be sure to look at scholarly resources⁹. Additionally, you should find both Primary and Secondary forms of research.

Primary research techniques include:

- setting up experiments
- extracting information from original documents
- interviewing experts
- gathering information by other methods from primary sources
- conducting formal surveys

Secondary sources may include:

- printed works books, journals, newspapers, magazines
- internet sources websites, articles, journals and so on, available only online
- other media sources films, TV and radio programs
- any other published information containing ideas and information relating to your choice of topic

STEP 12

Begin to write your essay. Remember, your outline is a map for your essay. Follow it. Be sure that your writing is academic. You can learn how to do academic writing by checking the link below¹⁰.

As you write, you should be sure to include appropriate citations. Make sure you are following the correct format for paraphrasing and citing your Extended Essay.

Remember, this is just a draft. It does not need to be perfect. At this point you just need to get words on paper. Don't worry about making it sound perfect or fitting within the word count. That will come later.

STEP 13

⁷ https://drive.google.com/file/d/1_B4czTvh5zMBWOpGMLrF2gg2j5hTiiKc/view?usp=sharing https://drive.google.com/file/d/1wrTmLjgY9p6yejZMiyKGlsSJ_A9WRAWL/view?usp=sharing

⁸ https://libguides.westsoundacademy.org/ee/craap-test

⁹ https://libguides.westsoundacademy.org/ee/identify-sources https://sis-cn.libguides.com/c.php?g=723698&p=6683221

 $^{^{10} \}underline{\text{https://drive.google.com/drive/folders/1qUBXhsZuycGEXN4W88-ZNOYd1z3svRKI?usp=sharing}} \\$

Proofread your essay. This is where you need to polish your work. Start by making a copy of your original work and making all changes there. This lets you see the progress and gives you something to go back to if you change your mind later. Remember to make sure you follow correct punctuation, spelling, and grammar. Make sure your entire paper is written in the same tense and in a formal register. For tips on being an effective proofreader, check this link (https://ualr.edu/writingcenter/tips-for-effective-proofreading/).

STEP 14

Self-evaluate. Read your essay from the perspective of the grader and with a critical eye. Refer to the IB Extended grade descriptors and Essay mark scheme. When you are able to meet all what is required in the EE descriptors, your Extended Essay is ready to be submitted.

STEP 15

Check for Academic Honesty. It is important that your work is aligned with the BBS and IB Academic Integrity policies¹¹. Additionally, the EE Coordinator will check your work on Turnitin.com before submitting your work to IB. For more information on BBS Academic Honesty, check the Bayan Dashboard for the school's policy in this regard.

WRITING THE EXTENDED ESSAY

The structure of the essay is very important. This is what helps students to organize the argument, making best use of the evidence gathered. Ask your supervisor for the assessment rubric and requirement.

The required elements of the final work to be submitted are listed here. Note that the order in which they are presented here is not necessarily the order in which they should be written depending on the subject area.

- > Title page
- > Contents page
- > Introduction
- Body (development/methods/results)
- Conclusion
- References and bibliography
- Appendices

The main task is writing the body of the essay, which should be presented in the form of a reasoned argument. The form of this varies with the subject of the essay but, as the argument develops, it should be clear to the reader what relevant evidence has been discovered, where/how it has been discovered and how it supports the argument. In most subjects, subheadings within the main body of the essay will help the reader to understand the argument (and will also help the student to keep on track).

Once the main body of the essay is complete, it is possible to finalize the introduction (which tells the reader what to expect) and the conclusion (which says what has been achieved, including notes of any limitations and any questions that have not been resolved).

Any information that is important to the argument should not be included in appendices or footnotes/endnotes. The examiner is not bound to read notes or appendices, so an essay that is not complete in itself will lose marks.

The remaining stages in writing the essay take time but are not difficult. Students need to check that they have cited sources for all material that is not their own, and that the citations are complete and consistent

¹¹ https://drive.google.com/file/d/1raxRkzae1isFL2aljTxJskatynOW-fUn/view?usp=sharing

with the chosen referencing system. The bibliography should list only the sources used in the essay. The whole essay needs to be proofread carefully (computer spelling and grammar checkers are useful but will not do everything). Pages must be numbered and the contents page must be completed.

An overview of how the assessment will be assessed is illustrated below, more details about each element are given in the "Formal presentation of the extended essay" section.

Criterion A: focus and method	Criterion B: knowledge and understanding	Criterion C: critical thinking	Criterion D: presentation	Criterion E: engagement
TopicResearch questionMethodology	 Context Subject-specific terminology and concepts 	ResearchAnalysisDiscussion and evaluation	Structure Layout	Process Research focus
Marks	Marks	Marks	Marks	Marks
6	6	12	4	6

Total marks available: 34

THE SUPERVISION PROCESS

All students who complete the Extended Essay will be assigned a supervisor. At Bahrain Bayan School supervisors are assigned based upon a student's desired area of research. Supervisors play an important role in helping students to plan and undertake their research for the Extended Essay. The relationship between supervisor and student should be an active two-way process with the supervisor primarily there to support and guide the student, during the supervision and reflection sessions, at the planning stage, and when the student is carrying out and writing up their research. The supervisor guides the student through the process ensuring they are on the path towards success. It's the responsibility of the supervisor to ensure that students are familiar with the requirements of the extended essay. Supervisors and students must discuss: the nature of the extended essay, their chosen subject, topic and research question, the most appropriate research methods to be used given the subject for which the student is submitting their essay, the formal requirements for the completion of the task.

At Bahrain Bayan School students are to take ownership of their education. Thus it is the student's responsibility to set up times to meet with the supervisor. When doing so, students must give the supervisor advanced notice (min. 72 Hours) and all meetings must take place before the required deadline (see timeline).

In order for you to be successful in the completion of the extended essay, the process needs to be structured and must incorporate a supervision process of 3–5 recommended hours to include three formal reflection sessions between you and the supervisor as well as supervision sessions called check-in sessions.

The recording of reflections on the <u>Reflections on planning and progress form</u> is mandatory and must be submitted with the completed extended essay for assessment under criterion E (engagement). To prepare for these sessions and ensure that they are meaningful and purposeful, the student needs to undertake a number of preparatory steps which are outlined in the following section.

Distinguishing between a supervisor session and a reflection session:

<u>Supervisor session</u>: You are encouraged to meet with their supervisor in between (and in addition to) the formal reflection sessions. Supervision time should meet the needs of the individuals; therefore, the frequency and duration of these meetings will depend on your own needs and the supervisor's requirements. Supervision time may consist of an occasional 10-minute check-in to discuss a timeline or clarification of a comment made by the supervisor. It may also include a lengthier discussion about particular issues, for example, regarding access to resources.

Reflection session: These are the mandatory sessions that must be recorded on the *Reflections on planning and progress form.* It is recommended that these sessions last 20–30 minutes. These sessions should focus on progress made so far and set clear objectives for moving forward in the research process. You should be prepared for these sessions and the meetings should be a dialogue guided by questions posed by the supervisor.

There are three mandatory reflection sessions that are a formal part of the extended essay and should be recorded on the <u>Reflections on planning and progress form</u>. Following each session, you are required to complete the relevant comment section on the form and submit it to their supervisor. The supervisor must then sign and date the form and after the final reflection session, the *viva voce*, add their own comment.

BONUS POINTS

Within the IB Diploma, the Theory of Knowledge (ToK), Extended Essay (EE) and CAS are a requirement. Bonus points are awarded for ToK and EE only. A maximum of 3 bonus points can be obtained. Below is the matrix which highlights the combination of possible marks a candidate can achieve in those areas.

The following new matrix will be adopted from the May 2015 session.

ToK/EE	А	В	С	D	E
A	3	3	2	2	
В	3	2	2	1	Failing o
С	2	2	1	0	Failing condition
D	2	1	0	0	
E			Failing condition		

EE/RPPF

For use tro	om May/Novemb	per 2018					
Page 1 / 3			 1				
Candidate	personal code:						
Extended	essay - Reflectio	ons on planni	ing and progress f	orm			
reflections reflection s undertake session wil	on your planning sessions with you your research; the I be in the form of	n and progress ur supervisor: e interim refle f a viva voce o	s, and the nature of The first formal re ection session is onc	f your discussion eflection session se a significant ar eleted and handed	s with your supervi should focus on yo nount of your resea I in your EE. This do	isor. You must und our initial ideas a arch has been com ocument acts as a	s document records dertake three formal nd how you plan to apleted, and the final record in supporting
The compl	letion of this for	m is a manda	atory requirement	of the EE. It mus	t be submitted to	gether with the c	ompleted
and progre	ess form' section	n of the EE g	As per the 'Protoco uide, a mark of 0 v language other th	vill be awarded	by the examiner fo	or criterion E if th	
final viva v	oce. Other chec	k-in sessions		do not need to l	pe recorded on this		neeting and then the h reflection session
First reflec	ction session						
Candidate	comments:						
Date:			Supervisor initia	als:			

EE/RPPF

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Interim reflection

Can	didate comments:		
ſ			
ate:		Supervisor initials:	

Final reflection - Viva voce

Candi	Candidate comments:				
1					
Date:		Supervisor initials:			

EE/RPPF

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Supervisor comments:

Supervisor : By submitting this candidate work for assessment, you are taking responsibility for its authenticity. No piece of candidate work should be uploaded/submitted to the e-Coursework system if its authenticity is in doubt or if contradictory comments are added to this form. If your text in the box below raises any doubt on the authenticity of the work, this component will not be assessed.			
	7		

EE DEADLINE CALENDAR- YEAR 1

Grade 11/ Y1 (2022-2023)- 2024 May Examinations Cohort

August 2022		
August 2022		
Year 1 students start school on August 28, 2022		
Date/Deadline	September 2022 Event or Action	
Date/Deadline		
September 1 *	DP Orientation for Grade 11 Parents and Students (Open House) -tentative	
September 6	DP Orientation & FAQ Session for Grade 11 Students	
September 19	Grade 11 IB students meet with DPC to discuss IA Calendar	
	October 2022	
Date/Deadline	Event or Action	
October 13	EE Grade 11 Introductory Workshop & Distribution/Sharing of BBS EE Guide & IB updated Referencing and Citing Guide & Tips on how to use ManageBac	
October 30	Grade 11 sign up the EE Form	
	November 2022	
Date/Deadline	Event or Action	
November 1	ATL workshop for Grade 11 Students	
November 15	Students' EE Supervisors names are announced	
November 22	Student-Supervisor Contract and BBS Academic Integrity Policy are signed	
November 16-30	Full IB students meet with EE Supervisor- Research Question & Essay's Outline discussed	
November 27- December 1	Grade 11 Students fill in the EE Agreement Form	
	December 2022	
Date/Deadline	Event or Action	
December 1	Final due date to fill in the EE Agreement Form (full IB Students only)	
December 5-8	Guided by the EE Supervisors, EE Coordinator, ATL Leader and Librarian, students work on their EE research (collecting data, researching primary & secondary sources, formulating and finalizing research questions, etc.)	
	December 16- January 5 (Winter Break)	
January 2023		
Date/Deadline	Event or Action	
January 22	EE First Reflection on Planning and Progress (RPPF) is due	
February 2023		
Date/Deadline	Event or Action	
February 12-26	Grade 11 Students visit the Innovation Hub and Zakat Al Elm Library to discuss with School Librarian, EE Coordinator and EE Supervisors their EE Research Process and progress	
	March 2023	

Date/Deadline	Event or Action			
March 1-30	EE Coordinator & Supervisors Monitor students' EE progress			
	Individual candidates meeting with EE students and Supervisors with IBDPC			
	April 2023			
Date/Deadline	Event or Action			
April 4 *	World Book and Copyright Day& World Intellectual Property Day- Related to IB EE and IAs- tentative			
April 26	First draft of EE (1,500 words) is due and submitted to the EE Supervisor			
	May 2023			
Date/Deadline	Event or Action			
May 14- 25	Full IB students have an unofficial meeting with the EE supervisor. All data will be documented and updated on ManageBac by the student and supervisor			
May 23-25	EE/TOK/CAS Checkout form signed by students and concerned IB staff & submitted to IBDPC			
	June 2023			
Date/Deadline	Event or Action			
July 2023				
Date/Deadline	Event or Action			
July 1- August 30	Students continue working on their EE during July and August, 2023 and update their EE Journal Space Progress on ManageBac			

EE DEADLINE CALENDAR- YEAR 2

Grade 12 / Y2 (2022-2023)- 2023 May Examinations Cohort

August 2022			
Year 2 students start school on August 28, 2022			
September 2022			
Date/Deadline	Event or Action		
September 1*	DP Orientation for Grade 12 Parents and Students (Open House) -tentative		
September 25	EE- Second Meeting with Supervisor- Interim Reflection is Due (RPPF)		
	October 2022		
Date/Deadline	Event or Action		
October 2	Grade 12 Students Orientation with DPC to discuss IA Calendar		
	November 2022		
Date/Deadline	Event or Action		
November 27-29	Extended Essay- submission with completed RPPF /Check against Turnitin		
	December 2022		
Date/Deadline	Event or Action		
	December 16- January 5 (Winter Break)		
	January 2023		
Date/Deadline	Event or Action		
January 25-26	Extended Essay- Final Reflection (Viva Voce) (RPPF) is due		
February 2023			
Date/Deadline	Event or Action		
	March 2023		
Date/Deadline	Event or Action		
	April 2023		
Date/Deadline	Event or Action		
April 2	EE Predicted Grades (EE PGs) are uploaded on IB system		
April 28	Official May 2023 Examinations First Day		
	May 2023		
Date/Deadline	Event or Action		
May 19	Official May 2023 Examinations Last Day		
	June 2023		
Date/Deadline	Event or Action		
	July 2023		
Date/Deadline	Event or Action		
July 6	IB results are issued.		

	Students access their results by logging in <u>candidates.ibo.org</u> , and using their IB Personal Code and Pin.	
	August 2023	
Date/Deadline	Event or Action	
August 20	Grade 12 request of EUR starts (Enquiry Upon Results) - Remarking of Course Components- Directly Contact the IBDPC	
End of August- Mid of September	IB Diplomas, Subject Results (Grades) , and legalization certificates are delivered to school	
August 20	Grade 12 request of EUR starts (Enquiry Upon Results) - Remarking of Course Components- Directly Contact the IBDPC	
September 2023		
Date/Deadline	Event or Action	
September 7	Deadline of EUR (Enquiry Upon Results) requests	

REFERENCES

- 1. International Baccalaureate. "IB Resources Center- Extended Essay (First Exams 2018)." *Authentication Selector*, Feb. 2019, 7:30. https://resources.ibo.org/dp/subject-group/Extended-essay-first-assessment-2018/resource/11162-43483/?c=3d5975ea
- **2.** International Baccalaureate. 2016 (updated May, 2022). *'Extended Essay Guide'*. Geneva, Switzerland.
- 3. Taylor, Chris, and Paul Hoang. 2017. 'Extended Essay for the IB Diploma: Skills for Success Skills for Success'. Hodder Education.
- **4.** International Baccalaureate Organization. April 2022. *'Effective Citing and Referencing'*. Geneva, Switzerland.
- **5.** International Baccalaureate Organization. 2019. 'Academic Integrity'. Geneva, Switzerland.
- **6. IB Academic Integrity**: https://ibo.org/academic-integrity
- 7. **EE in the IB**: https://www.ibo.org/programmes/diploma-programme/curriculum/extended-essay/
- **8. The Research and writing Process:** https://ibpublishing.ibo.org/extendedessay/apps/dpapp/guide.html?doc=d_0_eeyyy_gui_1602_1_e&part=5&chapter=6
- **9.** "Managing Extended Essay (EE) Worksheets ManageBac." ManageBac, https://help.managebac.com/hc/en-us/articles/360018798712-Managing-Extended-Essay-EE-Worksheets.

10. BBS EE Lab Shared Folder-2023:

HTTPS://DRIVE.GOOGLE.COM/DRIVE/FOLDERS/1SCPUCuKzxVkodS1DWhkHSolINVLECqcm?usp=sharing