

# Junior Thesis Guideline

For Supervisors

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## **REQUIREMENTS:**

- Students use the APA 7 standardized citation method
- Students are able to process the issue professionally and in depth
- The scope of the *Junior Thesis* will be 23,000 - 25,000 characters including spaces (the scope of the work does not include table of contents and references)
- All Junior Theses are composed of two parts (Theoretical part + Practical part)
- The goal of the *Junior Thesis* is for students to demonstrate the ability to work with professional information, analyze and evaluate the knowledge gained

## **DESCRIPTION OF THE CONSULTANT'S WORK:**

Consultant will have 3 consultations (3x15 min) with each student

Consultant helps with the selection of suitable resources

Consultant checks the correctness of references and citations

Consultant checks the content focus of the *Junior Thesis* (so that students write unnecessarily a lot about the same thing)

# Title Page: Template

# Súkromné Bilingválne Gymnázium Česká 10

The title of the work //TNR, 24

(Junior Thesis)

//TNR, 14

Subject

//TNR, 14

Student name:	John Dow
Class:	IV.X
School year	2025/2026
Consultant's Name:	M. Ed. A. Fantastic PhD
Opponent's Name	M. Ed. B. Wonderful PhD

## ASSESSMENT OF JUNIOR THESIS:

Consultant's Report	20 points
Opponent's Report	20 points
Defense of Junior Thesis	30 points
Total Score	70 points

Consultant's Report / Opponent's Report /20 points

<b>Criteria</b>	<b>Description</b>	<b>Points</b>
Structure and Clarity	Clear identification of thesis statement and logical structure of chapters. The chapters are ordered from general to specific topics.	/ 4 points
Research Quality	The depth, relevance, and variety of sources used.	/ 4 points
Language and Resource methodology	Correct compliance with the APA 7 method. Grammar, formatting, and overall presentation of the document.	/ 4 points
Analysis and Interpretation	Analysis and reflection on the data or arguments presented in practical part.	/ 4 points
Contribution and Originality	Assessment of the student's ability to introduce new ideas, insights, or approaches to the topic, and how the work adds value to existing knowledge.	/ 4 points

THEORETICAL PART –  
FORMATING MS WORD 365

## **Structure:**

- Title page
- Table of content (generated automatically)
- Introduction
  
- THEORETICAL PART
- Main chapters
- Sub-chapters
  
- PRACTICAL PART
- Introduction to the Practical Part
- Hypothesis Definition and Research Methodology
- Data Collection Process
- Data Analysis and Interpretation of Results (the hypothesis can be confirmed or not confirmed)
- Conclusion and Recommendations
  
- REFERENCES

## **Microsoft 365 setting**

Font - Times New Roman

Size of main chapters - 14

Size of sub-chapters - 13

Size of text - 12

Line - Spacing - 1.5

Form - Alignment - Justify

Paragraph setting - 0,0,0,0

Special - First Line - 1,2cm / 0.5"

Page numbering – Footer centered (only chapters are numbered)

Paper Margins : A4, 21 x 29.7 cm , Normal 2.54 cm

## Examples:

### 1. ICT (Main chapter)

Information and communications technology (ICT) is an extensional term for information technology (IT) that stresses the role of unified communications and the integration of telecommunications (telephone lines and wireless signals) and computers, as well as necessary enterprise software, middleware, storage and audiovisual, that enable users to access, store, transmit, understand and manipulate information (Johnson, 2010).

ICT is also used to refer to the convergence of audiovisuals and telephone networks with computer networks through a single cabling or link system. There are large economic incentives to merge the telephone networks with the computer network system using a single unified system of cabling, signal distribution, and management. ICT is an umbrella term that includes any communication device, encompassing radio, television, cell phones, computer and network hardware, satellite systems and so on, as well as the various services and appliances with them such as video conferencing and distance learning. ICT also includes analog technology, such as paper communication, and any mode that transmits communication (Smith, 2017).

#### 1.2 ICT(Sub-chapter)

ICT is a broad subject and the concepts are evolving. It covers any product that will store, retrieve, manipulate, process, transmit, or receive information electronically in a digital

#### Content table:

1 Main chapter .....	1
1.2 Sub-chapter .....	1
1.2.1 Sub-Sub-chapter .....	1
2 Main chapter .....	1
2.1 Sub-chapter .....	1
2.1.1 Sub-Sub-chapter .....	1
3 Main chapter .....	1
3.1 Sub-chapter .....	1
3.1.1 Sub-Sub-chapter .....	1

**Caution/ Restrictions:**

- Students are strictly prohibited from using unverified sources, sources without an author, opensource websites (such as wikipedia,scholarpedia,infoplease,.. etc) or use content generated by AI models.
- Each work will be checked for compliance with plagiarism via verified software . If a match of more than 30% is found with inappropriate content that violates the rules, the work is indefensible (student fail)

## APA CITATION STYLE:

Example of APA in-text citations:

- Paraphrasing: (Author, Year)
- Direct quote: (Author, Year, p. xx)

Paraphrasing:

- According to Smith (2020), documentaries have the power to influence public opinion.

Quoting:

- “*Documentaries often serve as vehicles for social change*” (Jones, 2019, p. 45).

Script Citation and Reference List

Every title is in *italic* format

### **Book:**

Author, A. A. (Year of publication). Title of work: Capital letter also for subtitle. Publisher.

Example: Smith, J. (2020). *Documentary filmmaking: A comprehensive guide*. Oxford University Press.

### **Journal Article:**

Author, A. A. (Year). Title of article. Title of Periodical, volume number(issue number), pages.

Example: Johnson, R. (2019). *The role of documentaries in modern media*. *Journal of Media Studies*, 35(2), 45-60.

### **Online Video:**

Producer, P. P. (Producer). (Year). Title of video [Film]. Platform/Distributor. URL

Example: National Geographic. (2018). *The earth's changing climate* [Film]. YouTube. <https://www.youtube.com/examplelink>

## Podcast:

Host, H. H. (Host). (Year, Month Day). Title of podcast episode (No. Episode number) [Audio podcast episode]. In Title of Podcast. Production Company. URL

Example: Stevens, T. (Host). (2021, July 12). *Documentaries and society* (No. 4) [Audio podcast episode]. In Media Trends. Podcast Network. <https://www.examplepodcast.com>

Author type	Parenthetical citation	Narrative citation
One author	(Smith, 2020)	Smith (2020)
Two authors	(Smith & Jones, 2020)	Smith and Jones (2020)
Three or more authors	(Smith et al., 2020)	Smith et al. (2020)
Organization	(Scribbr, 2020)	Scribbr (2020)

## Reference list entry

Slat, B., & Worp, C. (2019, April 10). *Whales likely impacted by Great Pacific garbage patch*. The Ocean Cleanup. <https://www.theoceancleanup.com/updates/whales-likely-impacted-by-great-pacific-garbage-patch/>

Parenthetical (Slat & Worp, 2019)

Narrative Slat and Worp (2019)

PRACTICAL PART OF JUNIOR  
THESIS

## **ALLOWED METHODS IN THE PRACTICAL PART:**

- observation
- questionnaire
- scaling
- interview
- sociometry
- semantic differential
- scientific experiment
- comparison
- testing
- survey
- questionnaire

## **HYPOTHESIS**

Students determine hypotheses that they will verify. Result of the hypothesis will be confirmation or disconfirmation. The test sample will consist of at least 30 answers.

### **Start with a Research Question**

The first step is to clearly define the problem or question you want to answer. This question should be specific and focused, helping to narrow down the topic. A hypothesis should clearly state the variables involved:

#### **Independent variable:**

The variable you will change or manipulate (e.g., hours of sleep, type of music,..).

#### **Dependent variable:**

The variable you will measure or observe (e.g., memory retention, concentration).

Student's hypothesis should be a statement that predicts the relationship between the independent and dependent variables. It should be:

**Testable: Can be confirmed or disproven through experimentation or observation.**

**Specific: Clearly defines the variables and the expected outcome.**

### Student's need to:

- Refine the Hypothesis
- Clear and concise: Avoid vague language.
- Measurable: You should be able to test it with data.
- Based on prior knowledge: Use logical reasoning and existing research.
- Test the Hypothesis
- Students must present the results of the hypotheses

### Examples:

#### Math

#### Hypothesis:

*Students who use visual learning aids (like graphs and charts) in geometry will score higher on tests than those who rely solely on textbook explanations.*

- **Independent variable:** Use of visual learning aids
- **Dependent variable:** Test scores in geometry

#### Geography

#### Hypothesis:

*Urban areas experience higher average temperatures than rural areas due to the urban heat island effect.*

- **Independent variable:** Type of area (urban vs. rural)
- **Dependent variable:** Average temperature

#### English

#### Hypothesis:

*Students who participate in group discussions after reading a novel will have better comprehension than those who read individually.*

- **Independent variable:** Participation in group discussions
- **Dependent variable:** Reading comprehension scores

## Biology

### Hypothesis:

*The growth rate of bacteria will increase with higher temperatures, up to a point, after which it will decrease due to denaturation.*

- **Independent variable:** Temperature
- **Dependent variable:** Bacterial growth rate

## History

### Hypothesis:

*Students who watch historical documentaries retain more information about a specific event than those who read about it in textbooks.*

- **Independent variable:** Learning method (documentary vs. textbook)
- **Dependent variable:** Information retention

## Civics (Civil Science)

### Hypothesis:

*Students who participate in mock elections and debates will have a better understanding of the democratic process than those who only attend lectures.*

- **Independent variable:** Participation in mock elections and debates
- **Dependent variable:** Understanding of the democratic process

## Chemistry

### Hypothesis:

*Increasing the concentration of a reactant in a chemical reaction will increase the reaction rate.*

- **Independent variable:** Concentration of reactant
- **Dependent variable:** Reaction rate

## Physics

### Hypothesis:

*The height from which an object is dropped will directly affect the speed at which it impacts the ground, following the laws of free fall.*

- **Independent variable:** Height of drop
- **Dependent variable:** Speed of impact

### Testing results:

For testing, students can use online services for data collection such as Google Forms, Microsoft Forms, Survey,... It is not necessary that they do it manually.