



SANJA VUČETIĆ  
XV. GIMNAZIJA, ZAGREB

# PHYSICALLY DISTANT BUT PSYCHOLOGICALLY CLOSE

„The impact of social isolation caused by the pandemic  
on people”- student's research work





## GOAL OF STUDENT'S RESEARCH WORK:

Create conditions for formative and summative evaluation of students' knowledge, considering the sudden transition from regular to online classes.

## PURPOSE OF THE ACTIVITY:

Enable students to:

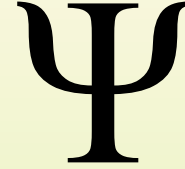
- Independently acquire knowledge in several different areas of psychology,
- Develop the skills necessary to collect information, process information, display and interpret it,
- Develop the skills necessary to present the results

**To enable students to think critically about the situation in which they found themselves, and about the effects of that situation on the mental health.**



# OUTCOMES OF THE PSYCHOLOGY CURRICULUM

## 1. DOMAIN: SCIENTIFIC-RESEARCH APPROACH



PS A.1.

The student interprets psychology as a research and applied science (it is realized in all domains)

Elaboration of the outcome of PS A.1.

Student:

1. takes a critical look at individual psychological research
2. designs, implements and presents the results of a simple psychological research/project (can be carried out in a team).



# EXPECTATIONS OF CROSS-CURRICULAR TOPICS



## personal and social development

- The student develops his potential.
- The student learns collaboratively and works in a team.
- The student takes responsibility for compliance with legal regulations and social rules and norms.

## learn how to learn

- The student independently searches for new information from various sources, transforms it into new knowledge and successfully applies it when solving problems.
- The student works creatively in different areas of learning
- The student shows interest in different areas, takes responsibility for his learning and persists in learning

## information and communication technology

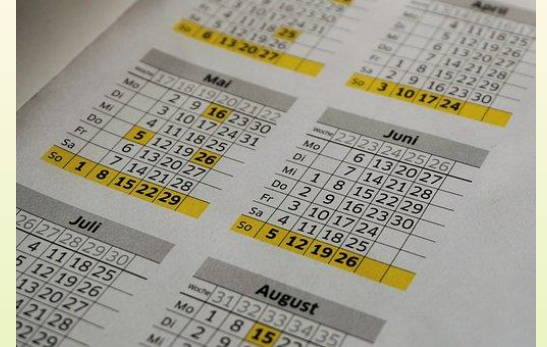
- The student independently and self-initiatively conducts a complex search for information in the digital environment.
- The student independently and responsibly manages the collected information.

## TIMETABLE:

May 2020 - the period from the moment of giving the instructions until handing over research papers.

June 1 to 5, 2020 - evaluation of student works

June 8 to 12, 2020 – feedback and assessment



## WORKING METHODS AND TECHNIQUES:

**Teacher presentation** - instructions on how to work and create a wiki page

**Discussion** - regarding the formulation of survey questions

**Group work** - survey design

**Flipped classroom** - independent learning of teaching topics

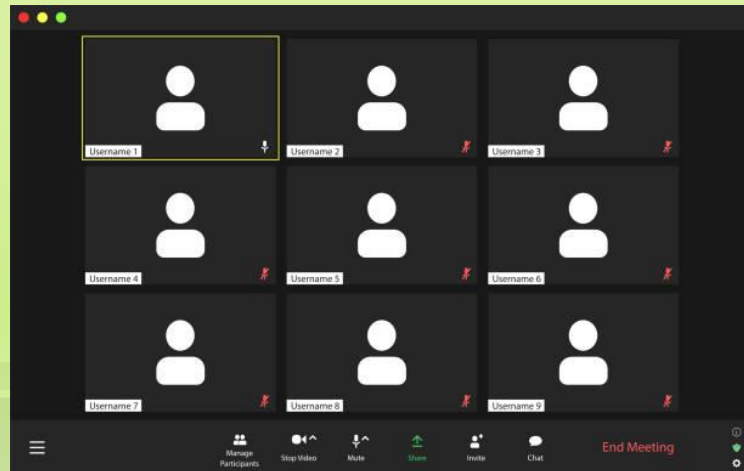
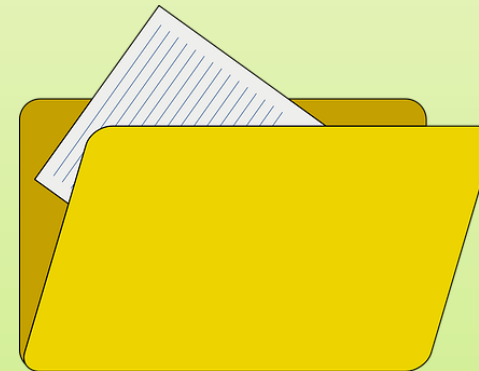
**Individual research work** - application of the survey, processing of results, presentation and interpretation of results



## TEACHING MATERIALS AND AIDS:



- Virtual classroom in the Loomen- CARNET online learning platform
- Wiki App - "quick and fast" collaborative tool for creating a website
- Folder with lesson summaries
- Zoom application- virtual meetings
- Class and individual e-mail addresses



# Virtual classroom

The screenshot displays a virtual classroom interface with the following elements:

- Left Sidebar (Course Menu):** Lists various course units and subjects, including 'XVG 19/20 3.A', 'Sudionici', 'Značke', 'Kompetencije', 'Ocjene', 'Opći dio', 'Hrvatski jezik', 'Engleski jezik I', 'Psihologija', 'Logika', 'Sociologija', 'Povijest', 'Geografija', 'Matematika', 'Fizika', 'Kemija', 'Biologija', 'Informatika', 'Tjelesna i zdravstvena kultura', and 'Etika (izborni)'.
- Top File List:** Contains documents such as 'THE LITTLE BOOK OF ENGLISH', 'PRACTICE - REVISION', 'VREDNOVANJE', 'UNIT 10 - COMPREHENSION', 'UNIT 10 - PART 10C', 'UNIT 10 - PART 10 D - GETTING AHEAD', and 'PRACTICE - REVISION II'.
- Central Content Area:**
  - Section header: **Psihologija**
  - Notification: **NOVO Projektni zadatak je u alatu Wiki. Rok za predaju je 29.5.2020.**
  - Project Task: **Projektni zadatak: Utjecaj socijalne izolacije na ljude** (highlighted with a green box)
  - Sub-items: 'Uvod', 'Nastavni sadržaji', 'Inteligencija kviz', 'Zadaća', and 'Ponavljjanje'.
- Bottom Section:** Section header **Logika**.
- Right Sidebar (Notifications):**
  - Section: **Nove obavijesti**
  - Text: 'Dodaj novu temu...'
  - Item: **ANKETA** (9. tra, 17:48 Vesna Ovčina)
  - Item: **Obavijest 18.3.** (18. ožu, 17:53 Vesna Ovčina)
  - Item: **Obavijest 17.3.** (18. ožu, 17:48 Vesna Ovčina)
  - Item: **Obavijest za 16.3.2020.** (16. ožu, 09:26 Vesna Ovčina)
  - Item: **INFORMATIKA** (14. ožu, 18:29 Nada Klepić)
  - Text: 'Prošle teme ...'
- Bottom Right (Progress):** Section **Completion Progress** with a progress bar and text: 'NOW', 'Mouse over or touch bar for i', and 'Overview of stud'.

## PARTICIPANTS

Students 3.a, 3.b, 3.c and 3.d class of the science and mathematics gymnasium,

N= 110 , age 17



## IMPLEMENTATION -Zoom meetings

1. Zoom meeting - announcement of the project topic: **The impact of social isolation caused by the pandemic on people**, and assigning topics to students
2. Zoom meeting - students create survey questions using the brainstorming technique.



## IMPLEMENTATION – Loomen online learning platform and class e-mail

1. instructions how to work in the wiki tool in the virtual classroom on Loomen
2. detailed instructions about how to conduct research and in what form the submitted work should look like
3. criteria table for evaluation

All instructions from 1 to 3 are placed on a special page in the wiki tool documents and sent to the students' class e-mail.

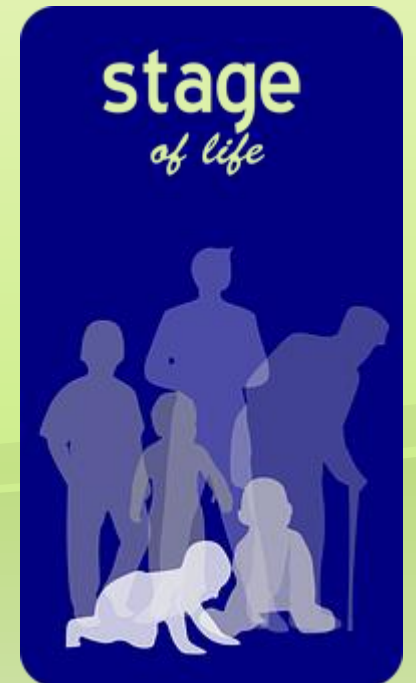
## TOPICS

Social isolation affects the senses and emotions of preschool children.

Social isolation affects the motivation and perception of adolescents.

Social isolation affects the emotions and learning of people of mature age.

Social isolation affects the motivation and memory of old people.....



# FORM OF SUBMITTED WORK

**Topic :** The impact of social isolation on the perception and memory of preschool children

**Hypothesis**

**Method and participants:** a survey or a questionnaire

**Result processing and display:** descriptive statistics/histograms or pie charts

consultation with  
the teacher



# FORM OF SUBMITTED WORK

**Conclusion or answer to the research question**

**Discussion about the topic, answers to the questions:**

- 1.** Do changes occur in the psychological processes you investigated during social isolation?
- 2.** In which areas (psychological processes) are the greatest changes, and in which are the smallest? Compare your results with the different reports you can find in the literature.
- 3.** Describe the basic characteristics of physical, cognitive, emotional and social development in particular period of life that you have studied!
- 4.** How can these changes (social isolation) affect on someone's personality?
- 5.** Find a joke or anecdote about the current situation





# EVALUATING RESEARCH DRAFTS - TEACHER

	excellent	very good	good	sufficient	insufficient
draft	The research draft has all the necessary steps	One step is missing in the research design	Two steps are missing in the research design	Three steps are missing in the research design	Nedostaje više koraka u nacrtu istraživanja
method	Survey - the questions are clear and unequivocal, and the application is appropriate for the sample	Survey - one statement is unclear or the application is not appropriate	Survey - two statements unclear or not appropriate application	Survey - three statements unclear or not appropriate application	Survey - not done
results	Appropriately displayed results	There is one ambiguity in the presentation of the results	There are several ambiguities in the display of results	The result display is incorrect	No results are displayed
conclusion	Properly derived from the results and compared with other sources	Correctly derived from the results, but lacks comparison with other sources	Improperly derived from results but well cited external sources	Improperly derived from the result and comparison is missing	There is no derived conclusion or comparison with external sources
question 5.3	Listed basic features for all 4 components of the development period	Listed basic features for all 3 components of the development period	Listed basic features for all 2 components of the development period	The listed basic characteristics for 1 component of the development period	Basic characteristics for the components of the development period are not specified
question 5.4	Listed and described changes in personality traits and listed and described some psychological disorders	Listed and described changes only in personality traits or listed and described some psychological disorders	Some psychological disorders are listed and described	Mentioned some mental disorders	Neither traits nor disorders are listed
joke 5.5	An anecdote on the topic social distance with elements of humor	An anecdote on the topic of social psychology	An anecdote on the topic human behavior	An anecdote whose protagonists are plants	no anecdote attached



# Examples of student projects:

## Utjecaj socijalne izolacije na pamćenje i motivaciju adolescenata

The influence of social isolation on the memory and motivation of adolescents

## Utjecaj socijalne izolacije na emocije i učenje ljudi zrele dobi

The influence of social isolation on the emotions and learning of people of mature age





THANK  
YOU

FOR YOUR ATTENTION