



**GD GOENKA**  
— WORLD SCHOOL —

# **SUMMER ENRICHMENT PROGRAM**

**The key is not to prioritize what's on your  
schedule, but to schedule your priorities.**

**-Stephen Covey**

**2020-21**

## GROUP 1: LANGUAGE A

### **English A-**

**HL-** Write an HL essay based on the novel 'Persepolis' (choose any one or two of the concepts)

**Read the play 'A Doll's house' by Henrik Ibsen.**

**SL-** Read the play 'A Doll's house' by Henrik Ibsen. Make a PPT on any of the two concepts.

### **Hindi A-**

**SL & HL-** Read the Novel Parineeta by Sarat Chandra Chattopadhyay & write the story analysis on the given guidelines.

## GROUP 2: LANGUAGE ACQUISITION

### **English B**

**HL-Read any three short stories shared by me(separately in mail) and write short summaries in your own words.(Refer to page 50 of Language B guide)**

**English B (SL)- Students should see photographs(shared by me separately in mail) based on the themes of English B and then prepare for the oral exam. Submit three commentaries recorded in a pen drive after vacations.(Refer to page 42 of Language B guide)**

### **Hindi B-**

**HL- Read the story Shram ki Prathishta (आचार्य विनोबा भावे) & Mere Master Ji (चंद्रगुप्त विद्यालंकार) write the summary of both the stories & character analysis of Vinayak from Mere Master Ji.**

**For HL & SL- Write IN 250 Words on the following topics-**

- Beliefs & values - Identity.
- Migration - Experience
- Communication & media - Human Ingenuity
- Law & order - Social Organization
- Urban & rural environment - Sharing the planet

### **French B-**

1. Choisissez 5 images (en-ligne) des 5 thèmes, et enregistrez vos audios.
2. Faites une présentation sur 2 lieux francophones que vous visiteriez.
3. Choisissez n'importe quel 2 articles (actualités/technologie/mode/arts) et écrivez vos pensées en 2 paragraphes avec des justifications et contradictions (un peu comme TdC)
4. Révissez les choses déjà fait dans la classe.

### **French Ab Initio-**

**Ecrivez un paragraphe en français en 150 words pour décrire**

- 1. Une personne célèbre.**
- 2. Votre vie quotidienne et vie scolaire.**
- 3. Votre ville et pays.**
- 4. Vos loisirs**
- 5. Vos projets à l'avenir.**
- 6. Votre fête préférée**
- 7. Votre cuisine et nourriture préférée**

### **Spanish B-**

**In 250 words, research and write about:**

- 1. Porque viajar es importante y que tipos de viajes te gusta hacer.**
- 2. Escribe una carta de queja a tu instituto diciéndole que la comida que ellos ofrecen no es de buena calidad.**
- 3. Que tu fuera el primer minister de la india que haria?**
- 4. Escribe los problemas de comida rápida sobre la salud.**
- 5. Haz un ppt en los lugares que te gusta más en el mundo ( 5 lugares ) y porque.**
- 6. Haz la lectura que he enviado en google classroom.**
- 7. Grabar tu audios describiendo 5 imágenes.**

### **Spanish-Ab Initio-**

**In your note book, write 10 lines each on mi casa, mi barrio, mi colegio, compartir el planeta, la importancia de tecnologia and mi favorito arte.**

**Out of these, send me audio recordings of 3-4 minutes of any five topics.**

**German B-**

1. Lesen Sie Jeden Tag einen Artikel aus DW Zeitung / Der Spiegel und schreiben Sie mindestens 10 Artikeln, worüber sie gelesen hast.
2. Üben Sie vergangene Prüfungsaufgaben.
3. Überprüfen Sie die Themen , die wir schon gemacht haben.

## GROUP 3: INDIVIDUALS AND SOCIETIES

### **Economics-**

Look for an article for IA-2 on macroeconomics and get it approved by 10th June and submit the second commentary by 21st June.

### **Psychology-**

1. **Internal Assessment: conduction and draft of Introduction and Exploration**
2. **Extended Essay**

(1st Draft to be shown after vacations)

### **History -**

Students will complete their first draft of extended essay and IA by 30th of June for feedback.

### **Business Management-**

Complete you IA and submit the first draft by 25th of June 2020 for feedback.

### **ITGS**

Students will submit the IA along with Product. Also they will solve last five years paper shared on google classroom.

## GROUP 4: EXPERIMENTAL SCIENCES

### **Biology-**

**“Biology is the most powerful technology ever created. DNA is software, protein are hardware, cells are factories.”**

**-Arvind Gupta**

**1. Complete lab report related to Ventilation experiment from 6.4 as discussed and explained in class.**

**2. Work on Biology Individual Investigation as per the secondary data chosen for the Individual Investigation and Extended Essay with respect to data processing and presentation and submit the final draft as discussed in class by 25th June 2020 on Email to [sonia.kochhar@gdgoenka.ac.in](mailto:sonia.kochhar@gdgoenka.ac.in)**

**3. Solve Past paper for 2016, 2017, 2018 Paper 1, paper 2 and paper 3 HL/SL, relevant to content covered. Link for past papers : <https://ibresources.org/ib-past-papers/>**

**4. Revise the topics covered so far and complete all the pending questions and work related to it.**

**5. Use a separate notebook to complete the work mentioned below:**

**Make notes on and complete data based questions of :**

**i) Unit : 4 Ecology**

**ii) Unit 5: Evolution and Biodiversity and**

**iii) Option for paper 3 that you have chosen.**

**iv) Unit 9 (HL) : Plant Biology**

**6. Answer the questions given below:**

**Q.1 Explain why COVID-19 is considered to be a pandemic.**

**Q.2 Discuss the causes and modes of transmission of Covid -19 and the medicine currently available for its treatment.**

**Q.3 Discuss three preventive measures related to it.**

**Q.4 Calculate the percentage increase/decrease for the deaths occurring in India and Spain, India and Germany, India and U.S, India and China from March 20 to May 15<sup>th</sup> 2020. Discuss reasons for this increase/decrease. Plot the data on a graph.**

**Q.5 Calculate the mean number of deaths occurring in European union countries with South-East Asian countries (Pick any 5 Countries). Calculate standard deviation and perform t-test between European union and South –East Asian countries with respect to this question. Write the conclusion, analysis and discussion followed by references.**

**Wishing you all happy and safe summer vacations!**

### **Chemistry- Holiday Homework**

**Complete the lab report done by computer simulation.**

**Complete all the text book questions from**

**Unit 10 Organic chemistry**

**Unit 11 Measurement and data processing**

**Solve the Past papers uploaded on the Google classroom**

**Complete the first draft for Chemistry IA.**

### **Environmental systems and societies-**

- 1. Students to complete their Individual Investigation report as per format provided in class.**
- 2. Practice past papers of 2017 & 2018(Paper 1 & 2) as per content covered.**
- 3. Revise the topics covered.**
- 4. Prepare a lab report on the two labs done.**

## **Physics**

**\* Complete the First Draft of Physics IA.**

**If you have not been able to complete the experiment in Physics Lab in the last session, then complete the draft on the basis of theoretical analysis. You are required to come prepared for the experiment procedure to perform the experiment when the school reopens. The complete draft needs to be submitted by 15th August 2020.**

**\*Complete the Final Drafts of the following-**

**Lab report of the experiment done using Phone Apps capable of logging data.**

**Lab report of the Virtual Experiment done through Simulations.**

**Lab report prepared using standard Database.**

## **Computer Science**

**Students will submit the IA along with Product. Also they will solve last five years paper shared on google classroom.**

## GROUP 5: MATHEMATICS

### **Mathematics**

**AASL-Complete the first draft of IA. The assignment will be posted in the Google classroom .**

**The link for the same is as follows:**

**<https://smallpdf.com/shared#st=d012e4f6-f150-4fac-ad4c-89af74122d24&fn=12+HHw%2CMay+2020%2CMATH+AISL-converted.pdf&ct=1589535070829&tl=converter2&rf=link>**

**Math AA HL- Complete the first draft of IA.**

**The assignment will be posted in the Google classroom .**

**The link for the same is as follows:**

**12 AA HL P1**

**[https://smallpdf.com/shared#st=68afe727-ba81-4c4f-a3bc-1fd11623969f&fn=G12\\_Math\\_AA%28HL%29\\_Summer\\_HHW\\_P1\\_OP%4018052020-edited.pdf&ct=1589828716606&tl=edit&rf=link](https://smallpdf.com/shared#st=68afe727-ba81-4c4f-a3bc-1fd11623969f&fn=G12_Math_AA%28HL%29_Summer_HHW_P1_OP%4018052020-edited.pdf&ct=1589828716606&tl=edit&rf=link)**

**12 AA HL P2**

**[https://smallpdf.com/shared#st=1900d870-7224-4515-9bd5-1d463a3e97d3&fn=G12\\_Math\\_AA%28HL%29\\_Summer\\_HHW\\_P2\\_OP%4018052020-edited.pdf&ct=1589828751679&tl=edit&rf=link](https://smallpdf.com/shared#st=1900d870-7224-4515-9bd5-1d463a3e97d3&fn=G12_Math_AA%28HL%29_Summer_HHW_P2_OP%4018052020-edited.pdf&ct=1589828751679&tl=edit&rf=link)**

**Math AI HL- Complete the first draft of IA.**

**The assignment will be posted in the Google classroom .**

The link for the same is as follows:

**12 AI HL P1**

[https://smallpdf.com/shared#st=1cd99df0-1b65-46f4-9b0e-7025f4781af6&fn=G12 Math AI%28HL%29 Summer HHW P1 OP%4018052020-edited.pdf&ct=1589828801999&tl=edit&rf=link](https://smallpdf.com/shared#st=1cd99df0-1b65-46f4-9b0e-7025f4781af6&fn=G12_Math_AI%28HL%29_Summer_HHW_P1_OP%4018052020-edited.pdf&ct=1589828801999&tl=edit&rf=link)

**12 AI HL P2**

[https://smallpdf.com/shared#st=c7dea4c0-df04-4c97-862e-63c84b250b30&fn=G12 Math AI%28HL%29 Summer HHW P2 OP%4018052020-edited.pdf&ct=1589828839922&tl=edit&rf=link](https://smallpdf.com/shared#st=c7dea4c0-df04-4c97-862e-63c84b250b30&fn=G12_Math_AI%28HL%29_Summer_HHW_P2_OP%4018052020-edited.pdf&ct=1589828839922&tl=edit&rf=link)

**Math AI SL-**

AISL-Complete the first draft of IA. The assignment will be posted in the Google classroom .the link for the same is as follows:

<https://smallpdf.com/shared#st=d012e4f6-f150-4fac-ad4c-89af74122d24&fn=12+HHw%2CMay+2020%2CMATH+AISL-converted.pdf&ct=1589535070829&tl=converter2&rf=link>

## GROUP 6: ARTS

### **Visual Arts: HL/SL**

**Submission of components:**

**Comparative study complete draft**

**Process Portfolio: 15 slides for SL, 20 slides for HL**

**Exhibition Work: 3 for SL, 6 for HL**

## TOK

**Make a presentation (powerpoint/prezi/google slideshow), complete the TK/PPD and submit both soft copy, and hard copy-Due date 15 June 2020, 2018. You will have to present in the class from July 27,2020**