

KANAK MANJARI INTERNATIONAL SCHOOL  
SUMMER HOLIDAYS HOME WORK - (2026-27)  
CLASS - X.

MATHS ! -

- 1- NCERT worksheets - 1 (A-D)  
(Real Numbers)
- 2- NCERT worksheets - 2 (A-D)  
(Polynomials)
- 3- NCERT worksheet - 8 (A-E)

M. Naik

SOCIAL SCIENCE :-

Do chapter 1 of Geography  
chapter 1 of History  
chapter 1 of Political Science and  
chapter 1 of Economics  
in your social science worksheet. Spallin

ENGLISH :-

- practice all the taught lessons mindfully (Text Book)
- write three formal letters based on any situations in 100-120 words.
- write <sup>any</sup> two Roll play (between two friends/Doctor and Patient / Son & father / customer & shopkeeper).
- prepare two Analytical paragraphs of your own in 100-120 words. Spallin

HINDI :- (085) संयमन पुस्तक से - पाठ-1 - हरिहर काका  
अर्थ पुस्तक से → पद्य रस - पाठ-1 गद्य रस - पाठ-1  
सभी अध्याय प्रश्नों के उत्तर लिखकर माफ करना है।  
आकरण पुस्तक से → अप्रति गद्यांश और पदबंध के अध्यास प्रश्नों  
के उत्तर लिखना है।  
परिचयन कार्य - पदबंध विषय पर तैयार करना है। R. S. S.

ODIA (013)

ବ୍ୟାକରଣ :- ଶୁଦ୍ଧି :- ବ୍ୟାକରଣ କହିଲେ ଧ୍ୱନି ବା ଶୁଦ୍ଧ ବ୍ୟବହାର କ୍ରିୟାଦ୍ରାମ ଓ କ୍ରିୟାଧିକ ରୂପର ଭେଦାତ୍ମକ ଶୁଦ୍ଧି ପଦ୍ଧତି ମନେହୁଏ ଓ ନିଜର ବ୍ୟାକରଣ ଶାଖାକୁ କହୁଥାଏ ।

ଶୁଦ୍ଧି :- ଧ୍ୱନିର ଶବ୍ଦରାଜ୍ୟ, ସ୍ୱରର ସମ୍ବନ୍ଧ, ସ୍ୱରର ସମ୍ବନ୍ଧ, ଶବ୍ଦର ପ୍ରକାର, ଶବ୍ଦର ସମ୍ବନ୍ଧ ଓ ଶବ୍ଦର ସମ୍ବନ୍ଧ, କ୍ରିୟା ଓ ବିଶ୍ୱାସ, ପ୍ରାକୃତିକ ସମ୍ବନ୍ଧ, ଶାସ୍ତ୍ରୀୟ ସମ୍ବନ୍ଧ, ଶାସ୍ତ୍ରୀୟ ସମ୍ବନ୍ଧ, ବିଜ୍ଞାନର କ୍ରିୟା, ଶାସ୍ତ୍ର ଓ ସମ୍ବନ୍ଧ, ନାଟ୍ୟ ସମ୍ବନ୍ଧ, ବିଦ୍ୟାର ଓ ଶାସ୍ତ୍ରୀୟ (ଅନୁଶାସନ), ସମ୍ବନ୍ଧ ଶାସ୍ତ୍ର ଶାସ୍ତ୍ର, ବିଦ୍ୟାର ଓ ଅନ୍ୟାନ୍ୟ ବିଷୟ, ଶାସ୍ତ୍ରୀୟ ଶାସ୍ତ୍ର ଶାସ୍ତ୍ର ଶାସ୍ତ୍ର ।  
(ବି.ସ୍ୱ. - ଶୁଦ୍ଧି ଶୁଦ୍ଧି ପଦ୍ଧତି ବ୍ୟାକରଣ ଶାଖାକୁ କହୁଥାଏ ।)

SCIENCE (086)

Biology :- Write 25 <sup>sample</sup> questions related to the topic nutrition and respiration.

Activity :- 1) Design a large chart comparing autotrophic (plants) and Heterotrophic nutrition with 5 specific examples each.

2) Research top 5 global respiratory diseases and create a poster that include their causes, treatments and how to protect your lungs.

Chemistry :- a) Write 30 Sample Question answers related to ch-① till topics upto taught in Chemistry copy.

b) Write 20 Questions on Balanced Equations in Chemistry Notebook.

- 1Q) What is the power of lens? write its SI unit.
- 2Q) How can we use convex lens as magnified glass? Explain with diagram.
- 3Q) Draw all the cases for image formation by convex lens.
- 4Q) Draw all the cases for image formation by concave lens.
- 5Q) Draw all the ray diagrams related to concave mirror, convex mirror, ~~convex lens~~ and ~~concave lens~~.
- 6Q) The magnification of a convex mirror is always positive, why?
- 7Q) The image formed by a convex mirror of focal length 30cm is a quarter of the object. What is the distance of the object from the mirror.
- 8Q) Why a concave mirror is used as doctor's head mirror?
- 9Q) An object 2cm high is held near a concave mirror of magnification 10. How tall will be the image?
- 10Q) Why convex mirror is used as driving mirror?
- 11Q) Why concave mirror is used as shaving mirror?
- 12Q) State the mirror formula for determining the focal length of spherical mirrors write the meanings of the symbol ~~used~~ use an object is placed at a distance of 25cm. ~~from~~ from a concave mirror of focal length 15cm. Calculate the distance of the image from the mirror.
- 13Q) A convex mirror used on a bus has a focal length of 200cm. If a scooter is located at 100cm from this mirror. Find the position, nature and magnification of the image formed by the mirror.
- 14Q) Make a list of at least 7 uses of concave and convex mirrors.   
 ~~only~~ only like around us.