

# DAV Global School

## Holiday Homework

Class: IX

Session: 2017-18

Name: \_\_\_\_\_

Dear children, vacation time is here again, you always have something to gain. For you, we have a holiday plan, surf the net or books you scan. When temperature higher & higher soars, do something constructive that everyone adores. We wish you a wonderful time ahead!

### General Instructions:

- Parents are requested to only guide children while doing the assessment.
- Originality of the work will be appreciated.
- Project / Homework will be assessed on the basis of neatness, creativity & originality of ideas.

### English: (to be done in your Eng. Literature Notebook)

1. “The desire to create is one of the deepest yearnings of the human soul”.  
We all have the ability to express the innermost feelings of our mind and heart by beautifully adorning them in the garb of words. So during summer vacation create a drama / one act play / short story or compose a poem selecting any two of the following themes:  
a) “Beauty Lies in The Eyes of Beholder” d) “Family: The Greatest Treasure”  
b) “Knowledge is a Great Power” e) “Honesty is the Best Policy”  
c) “Handsome is Who Handsome Does” f) “Kindness Costs Nothing”
2. Complete Lesson no -3 of Main Course Book.
3. Complete Page no. 8-13, 174-177, 182-185, 202-205 of BBC

### Math:

1. Make a model of your dream project of your future (may it be your house/company) showing mathematical skills.
2. Revise tables 2 to 20.
3. Revise squares and cubes of 1 to 30.
4. Solve the assignments /worksheets given and paste in Math Notebook.

### Science: (to be done in your Science Notebook)

1. Prepare a Power Point presentation on any one lesson from term 1 (10 to 15 slides).
2. Make a report of 3 to 4 pages on global warming.
3. Draw the diagram of animal cell and plant cell on A4 sheet.
4. Do the given worksheet and paste in Science Notebook.
5. Live in Style: Think Green! Go Green! Live Green!  
Grow your own mini garden! In 3-4 weeks you will have small plants.  
a) Items you will need: 2 litres plastic soft drink or milk bottle, 1 packet of seeds, 2 cups of soil  
b) Method: Ask an adult to help you cut the top off the 2 litre plastic bottle. Put the soil in the bottom of your plastic bottle. Next, sprinkle a few seeds on the soil. Water your pot every couple of days. Keep your plant in a safe place and out of the harsh drying sun, in a partly shady location. (Specific date will be given to the students to bring the plant in the school)

### Hindi: (to be done in your Hindi Language Notebook)

जैसा कि आप सब जानते हैं कि सी. बी. एस. ई द्वारा शिक्षण-प्रणाली में कड़ा रुख अपनाते हुए मूल्यांकन के तरीकों को बेहद सख्त कर दिया गया है। इसके बारे में आपके क्या विचार हैं? क्या आप इस बदलाव से सहमत हैं? आप इन नए नियमों के अन्तर्गत नवीं कक्षा उत्तीर्ण करने के लिए क्या योजना बनाएंगे तथा किस प्रकार समय-सारणी बनाएंगे, इसकी विस्तृत जानकारी दें।

### ICT: (to be done in your ICT Notebook)

1. Make a poster based on Latest trends in the field of computer.
2. Create a presentation on ‘how to stop cyber bullying’. (with images, at least 10 slides)  
Create copy of your work in CD or E-mail the same at dav.rupinder@gmail.com

### Punjabi : (to be done in your Punjabi Literature Notebook)

1. ਭਾਰਤ ਦੀ ਅਜ਼ਾਦੀ ਦੇ ਸੰਘਰਸ਼ ਵਿੱਚ ਸ਼ਹੀਦ ਹੋਏ ਕਿਸੇ ਇੱਕ ਦੇਸ਼ ਭਗਤ ਬਾਰੇ ਇੱਕ ਪ੍ਰੋਜੈਕਟ ਤਿਆਰ ਕਰੋ। ਤਸਵੀਰਾਂ ਸਮੇਤ ਵੇਰਵੇ ਸਹਿਤ ਜਾਣਕਾਰੀ ਵੀ ਦਿਓ।

2. ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੇ ਕੋਈ ਤਿੰਨ ਕਵੀਆਂ ਦੇ ਚਿੱਤਰ ਚਿਪਕਾਓ ਅਤੇ ਉਨ੍ਹਾਂ ਬਾਰੇ ਸੰਖੇਪ ਜਾਣਕਾਰੀ ਦਿਓ ।

**Social Science:** (to be done in your Social Science Notebook)

1. Prepare a case study on the types of government in the following countries with their characteristics:  
India, U.K., USA, USSR, Myanmar, Saudi Arabia, Chile, Pakistan, Australia
2. Make a powerpoint presentation on Disaster Management.
3. Complete the map manual notebook of Lesson -1(Political Science), Lesson -1, 2 (Geo) in map notebook. (as per the content given in link book)

**Life Skills:** (to be done on A4 size sheet)

1. Save Birds This Summer-

Birds need our help way more in the summer months than at any other time during the year. For sparrows, pigeons, parrots and crows feeding stations at house provide a real life line. Lets initiate saving these birds during the heat of the summers by following the steps given below-

- a) Feed the birds with bird seed(bajra)/ cooked vegetable/ grinded cheese but avoid salty food or bread as this can be bad for birds.
- b) Provide them fresh water everyday.
- c) Clean the water feature/ feeder regularly. Rinse and let dry before refilling.
- d) Try to make bird suet/cage and hang it in the shade to attract a varied flock of feathered friends.
- e) Click the pictures and show us what you did. Make a collage and write about your experience of doing this noble deed of helping the bird population this summer.

**G.K.:** (to be done in your G.K. Notebook)

No one deserves the title of a hero more than a soldier. The brave men and women of Defence Services stay away from their families, miss every significant thing in their life and sacrifice their lives for our safety.

Lets remember and cherish their efforts. Compile a brief report covering the following headings:

1. The Indian Army's daring surgical strikes in Kashmir.
2. Contribution of Indian citizens for martyred soldiers.
3. 10 decent service quotes / slogan that keep our soldiers motivated.

**Activity First Aid Box:** It is important to have a well stocked first aid kit kept within easy reach. It is a necessity in every home. Having supplies gathered ahead of time will help you handle on emergency at moment's notice. Now, make your own first aid box, stock your first aid kit with necessary items. Make sure you know the function/usage of each item kept in the kit. Bring your first aid box kit to school in the month of July (specific date will be given). 'The Best one will be rewarded'

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Science

1. A sample of water under study was found to boil at  $102^{\circ}\text{C}$  at normal temperature and pressure. Is the water pure? Will this water freeze at  $0^{\circ}\text{C}$ .
2. Osmosis is a special kind of diffusion Comment.
3. Water as ice has a cooling effect whereas water as steam may cause severe burns. Explain these observations.
4. You are provided with a mixture of naphthalene and ammonium chloride by your teacher. Suggest an activity to separate them with well labelled diagram.
5. Tarun got an invitation to attend a party. On coming to his place, he found that both his shirt and trousers were wet. What steps would he take to dry them quickly?
6. Why does the kinetic energy of the particles increase with increasing temperature?
7. What happens when a saturated solution of sodium chloride prepared at  $60^{\circ}\text{C}$  is allowed to cool at room temperature?
8. Can a mixture of alcohol and water be separated with the help of a separating funnel?
9. Classify the following as homogeneous and heterogeneous mixtures.  
Sand and salt, water in oil, salt in water, Sulphur in CS, sugar and salt, alcohol in water, iron filing and sulphur, ink in water, air, milk and acetone in water.
10. Two miscible liquids A and B are present in a solution. The boiling point of A is  $60^{\circ}\text{C}$  while that of B is  $90^{\circ}\text{C}$ . Suggest a method to separate them.

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