

### HOLIDAY HOMEWORK FOR PARENTS

- Have at least two meals together with your children.
  - Share stories about your childhood and your family history.
  - Water is precious. Encourage your children to save water.
  - All bottles which are kept in the refrigerator should be filled by them.
  - Let them play games outside and get as much as physical exercise as possible.
  - Keep your children away from all screens including T.V., Computer, tablets and mobile phones.
  - Encourage your children to read a story everyday.
  - Visit the grandparents and let your children bond with them. Love and emotional support is very important. Click snaps with them.
  - Encourage your children to plant a tree.
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#### **English language**

Grammar with a smile: pages 25 – 27, 29 – 35, 46

#### **English Literature**

Read the following plays thoroughly from your book 'Six Tales of Shakespeare'

1. The Merchant of Venice
2. The Tempest
3. Julius Caesar

#### **Geography**

Prepare for a project on any latest discovery about the universe between 2015 to 2019.

Gather information and pictures related with the topic.

Project will be done in class in geography notebook.

#### **Biology**

Collect biodegradable materials to make the structure of plant or animal cell.

#### **Chemistry**

Collect pictures and articles on the topic air pollution for class activity.

#### **Mathematics**

Work assigned in maths workbook.

#### **History**

Winning a prize can be prestigious if it is a Nobel Prize. With reference to this find out information and pictures related to the Nobel prize under the following guidelines.

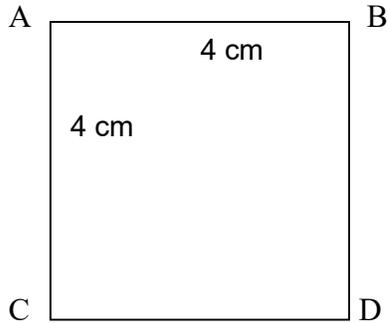
- 1) Its beginning
- 2) Foundation
- 3) Ceremony
- 4) Presented by
- 5) Aim
- 6) Significance

Also choose any 5 Indians who have won the Nobel Prize and create a beautiful page using pictures and information.

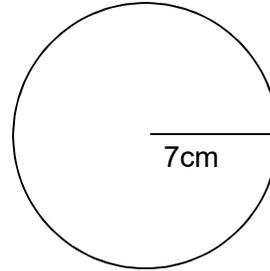
## Physics

### Worksheet

1. Find the distance and displacement in the following.



From A to D



One round

- $28 \text{ cm}^3$  of zinc having density  $4200 \text{ kg m}^{-3}$  is placed on one pan of a beam-balance. What know weight must be placed on the other pan to secure a balance?
- The dimensions of a hall are 10 m 7 m 5 m. If the density of air is  $1.11 \text{ kg m}^{-3}$ , find the mass of air in the hall.
- (a) Density of aluminum is  $2.7 \text{ g/cm}^3$ . Express it in  $\text{kg/m}^3$ .  
(b) Density of alcohol is  $600 \text{ kg/m}^3$ . Express it in  $\text{g/cm}^3$ .
- A piece of zinc of mass 438.6 g has a volume of  $86 \text{ cm}^3$ . Calculate the density of zinc.
- 5 litres of kerosene oil is found to weigh 6.60 kg. Find the density of kerosene oil in (a) CGS system and (b) S.I. system.
- Calculate the volume of wood of mass 6000 kg when the density of wood is  $0.8 \text{ g/cm}^3$ .
- Volume of a metal cube is  $200 \text{ cm}^3$ . If the density of the metal is  $7.5 \text{ g/cm}^3$ , find the mass of the metal in kilogram.
- Calculate the density of solid from the following data:  
(a) Mass of solid = 72 g  
(b) Initial volume of water in measuring cylinder =  $24 \text{ cm}^3$   
(c) Final volume of water when solid is immersed in water =  $42 \text{ cm}^3$

## Hindi Literature

भक्तिकाल के कुछ प्रमुख कवियों के व्यक्तित्व (जीवन परिचय) एवं कृतित्व (रचनायें) पर प्रकाश डालते हुये एक परियोजना तैयार करना।

नोट: इस परियोजना से सम्बंधित सामग्री एकत्र करवाई जायेगी एवं कक्षा में परियोजना कार्य होगा।