

ANNIE BESANT SCHOOL

F- Block Shastri Nagar, Meerut

Important things for parents to practice this summer

Dear Parents,

There are certain things that we as parents must try to inculcate in our children. These things are very important in the development of your child. So let's spend this coming vacation in a constructive manner.

1. You must share good stories about your childhood and your family history with your child.
2. Your children must wash their own plates after every meal. They must learn the importance of doing their own work with such activities.
3. Take your children or send them to their Grandparents for at least one week. Take pictures with them.
4. They must accompany you to your workplace in order to understand how hard you work to support their daily needs.
5. All family members must have at least one meal together, if possible more than one meal a day. Teach them not to waste food and the importance of farmers.
6. If possible ask them to help you in daily household work without disturbing their study and playing schedule.
7. Raise a small kitchen garden in your backyard if you have space. Encourage them to plant some seeds. They must water these plants as necessary till they grow.
8. You as a parent must learn 5 new words in English and list them in a notebook. Try to speak small sentences in English with them whenever it is possible.

Regards

Annie Besant School

ANNIE BESANT SCHOOL
F- Block Shastri Nagar, Meerut
Holiday Homework (2018-19) for students
Class- IX

All work should be done neatly :-

- Make a card on **Director's Day** which will be submitted in class on 2nd July 2018.

ENGLISH:

- Activity 1 - Group Discussion / Debate
Topic – 'The schools of the future will have no books and no teachers'.
(The Fun They Had)
- Activity 2 - Have you ever had to make a difficult choice ? How will you make the choice (for what reasons) ?
(The Road not taken)
- Activity 3 - What precautions should we taken to ensure not to get lost ?
(The lost child)

HINDI:

- कबीर का जीवन परिचय, उनकी रचनाएँ व साहित्यिक विशेषताएँ लिखिए व कबीर के छः दोहे लिखिए व याद कीजिये श्रवण के लिए ।

MATHS:

- Activity 1 - To make the activity file on algebraic identities from chapter 2.
- Do 30 problem base on algebraic identities.

SOCIAL SCIENCE :

1. Make a project file - Democracy Vs Dictatorship
2. Make a project file of Rural Banks
3. Make a project file on any one of the six physical divisions of India in a scrap book.
4. Make a map of India on a chart paper indicating -
 - a) States with their capitals
 - b) Different rivers of India
 - c) Map of India with its four to five neighbouring countries.

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SCIENCE :

PHYSICS:

- Activity 1 - Make a short note on 'Journey of life' of given scientists : Issac Newton, Archimedes, Albert Einstein, C. V. Raman, Homi J. Bhabha.
- Activity 2 - Plan to go to a place by an vehicle. Take readings of odometer and speedometer after every 5 minutes till you reach your destination. Record these observations in tabular form, Plot graphs between distance – time and speed – time. State whether this motion is uniform or non – uniform.
- Learn all Question – Answers on the chapter Motion.

Chemistry:

- Assignment – 1 (Roll no. 1 to 11)
 1. Carbon dioxide is generally heavier than oxygen and nitrogen. Why does it not from lower layer in the atmosphere ?
 2. A certain substance A cannot be compressible but takes up the shape of the container in which it is placed. What will you regard its physical state ?
 3. Solids are normally not comprissible. Why can a sponge be readily pressed ?
 4. A piece of chalk can be broken into small particles on hammering but it is not possible to do so in case of a piece or a bar of iron. Explain.
 5. Why do we regard liquids and gases fluids ? What is the reason of fluidity ?
 6. Which characteristics of a gas is used in supplying oxygen cylinder to hospitals ?
 7. What is meant by particulate nature of matter ? List the four characteristics of particles of matter.
 8. Ice floats on water. Why ?
 9. How will you account for the following -
Diffusion is maximum in gaseous state of a substance.
 10. Which state of matter is rigid and why ?
- Learn all the question and answers and notes given in the class.
- Assignment – 2 (Roll no. 12 - 23)
 1. Give one word for the following -
 - a) The force of attraction between the particles.
 - b) The rigid form of matter.
 - c) A solid which can be compressed easily.
 - d) The tendency to flow and change shape.
 - e) Mixing of substances on their own.

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2. Give the full form of CNG and LPG. What is the common between the two ? Give explanation for the same.
3. Draw a diagram to show the arrangement of particles in a solid, a liquid and a gas. What can be interpreted from the distance between the constituent particles ?
4. Draw a flow diagram showing the interconversion of states of matter. Label the diagram properly.
5. What is meant by the following statement ? -
The latent heat of fusion of Ice is 3.34×10^5 J/Kg.
6. Which characteristics of matter is exhibited by these phenomena ? -
Brownian motion and Diffusion.
7. Give reason -
 - a) Particles of potassium permanganate spread easily in water kept on room temperature but not in very cold water.
 - b) It is difficult to cut the stream of water.
 - c) Fragrance of perfume spread very fast.
 - d) A gas fills the vessel in which it is kept.
8. What is the physical state of water at 25°C and 0°C ?
9. What are the two main ways of changing the physical state of matter ?
10. Why does the temperature not change when ice melts to form water ?
 - Learn all the question and answers and notes given in the class.

BIOLOGY:

Prepare a model using common household item like grains, pulses etc on the following topics:-

Roll No. 1-4 (a) Structure of nucleus

Roll No. 5-8 (b) Structure of chloroplast

Roll No. 9-12 (c) Structure of Mitochondrion

Roll No. 13-16 (d) Compare the structure of plant cell & Animal cell.

Roll No. 17-20 (e) Compare the structure of prokaryotic & Eukaryotic cell.

Roll No. 21-23 (f) Structure of Golgi bodies.

PHYSICAL EDUCATION

Yoga File -

Introduction of yoga

History of yoga

Meaning of yoga

Importance of yoga

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Asana -

1. Surya namaskar - total 12 pose with pictures
2. Vjara Asana (with picture)
3. Tirkon Asana (with picture)
4. Gomukh Asana (with picture)
5. Tad Asana (with picture)
6. Hal Asana (with picture)
7. Anulom – Vilom (with picture)
8. Bhujang Asana (with picture)
9. Matsya Asana (with picture)
10. Dhanur Asana (with picture)

Total Asana with Method and Benefits

COMPUTER

- Create a document in M.S. Word. (10-15 pages)

Topics- Mobile computing

- Internet and Intranet