Dear children,

The long awaited summer vacation is here. Summer is a time to relax, be productive and to get ahead. As important as it is to rest and enjoy, it is also important to continue to learn. Strike a balance between work and play and allow yourself to grow in the process. You can spend your time as you wish but make sure that along with enjoying and relaxing make this summer a time to learn new things, exploring the opportunities available. To enhance your learning we have planned enjoyable activities to keep your skills sharp and concepts clear. Use your energy and give a vent to your creativity. It will surely enhance your learning process.

Relax, enjoy, have loads of fun and come back refreshed.

Ms Mahvash Roshani
Principal

See you on Monday, 01st August, 2016.
Dawood Public School
Summer Vacation Homework
Class IV

Name: ____________________________ Date: _______________
Class: _________ Section: ____________

- Submission of completed homework to the class teacher of Class IV by Monday, August 8th, 2016 is compulsory.
- Maintain a daily diary and record your activities accordingly.

Note: Make a neat folder for each subject and put your homework in it.
**Question 1**

**An Advertisement**:-

Design a poster to advertise your own product of daily use. Draw pictures that would attract people to buy your product. Write few catchy tag lines about the product too.

**Question 2**

**Scrap book on the topic ‘Food’**:-

- Write about your favorite foods and your favorite dine in place.
- Design a menu that you would like to serve your family and friends on Eid festival.
- Write the recipe of any one of the item that you included in the menu.

**Question 3**

- Read two books of each of the following authors.
  1. Enid Blyton
  2. Roald Dahl

**Question 4**

Father’s Day is observed on the third Sunday of June that is 19<sup>th</sup> June, 2016. It honours all fathers, grandfathers and father figures for their contribution. So on this Father’s Day make him feel special in every small way.

- Surprise him by giving him a handmade card and write a striking message.
- Help mom to prepare a mouth-watering recipe which might become his all time favourite.

**Note:**

Take photographs of the occasion and paste it in your homework scrap book.

**Math**
• Measure length breadth and height of your room furniture and compare it with your sibling’s room. Identify the shapes and write the properties of these shapes (number of sides, types of angle, vertices, faces).

• Draw three clock faces. Mark the time to show one right angle, one acute angle and one obtuse angle.

• Use the numbers 5, 4, 9, 8 to write as many numbers as you can and arrange them in ascending order, find the sum and the difference between the smallest and the biggest number, write the number names of any five.

• Math Concepts: Place Values, Logical Reasoning

Read the story of Rumplestiltskin and Answer the questions given

Rumplestiltskin

There once was a miller who loved to brag about his daughter Grace. As he milled wheat into flour, he would boast to his customers about how clever his daughter was. “Grace is so talented she can spin gold from straw,” the miller would say.

Upon hearing this, the king sent for the miller’s daughter and placed her in a room in his castle. “Weave this straw into gold by daybreak, and you will become queen,” he said.

“This is absolutely ridiculous,” Grace thought. “I’ve been training for a 26-mile race. I don’t know the first thing about spinning.”

Just then, a strange little man entered the room. In exchange for Grace’s necklace, he offered to spin the straw into gold. She gladly agreed.

The king was delighted. Twice more, he took Grace to a chamber filled with straw. Twice more, the little man appeared. The last time, however, Grace had nothing more to trade for his work.

“You’ll owe me your first running trophy!” cried the little man, and Grace agreed.

When the king saw the gold, he declared that Grace would be his queen.

“Keep your wedding ring. I’ve got some races to run,” she answered.

Grace did very well in her first race. In her next race, she came in first and won a beautiful trophy.
Soon, the strange little man appeared. “I’m here to collect my trophy!” he cried.

Grace told him how much she loved the trophy and that she wanted to show it to her children one day.

“Guess the year of my birth in three days, and you can keep the trophy,” he said, chuckling to himself.

Grace and her friends searched the countryside for information about the strange little man, with no results. However, one friend did come back with a story.

“I saw a strange little man in the woods behind the mall, laughing and chanting:

‘When you break it up, here’s how it looks:
1 thousand, 7 hundreds, 4 tens, and 2 ones.
She’ll never guess it—the year of my birth,
I’m Rumplestiltskin. I’ve won! I’ve won!’”

Grace, who had always been an excellent math student, guessed the year of the strange little man’s birth correctly. He became so angry that he stomped his feet too hard and split himself in half. Grace called an ambulance, and with some difficulty, the little man was sewn back together again.
Rumplestiltskin

1. What was the year of Rumplestiltskin's birth? _____ _____ _____ _____

2. If Rumplestiltskin had asked Grace to guess the numbers in his address, here's what he might have said:

   "The digit in the ones place is one.
   The digit in the tens place is double the ones.
   The digit in the hundreds place is double the tens.
   The digit in the thousands place is eight—yes, it's eight.
   She won't ever guess it—it's much too late!"

   What are the numbers in his address? _____ _____ _____ _____

3. If Rumplestiltskin had asked Grace to guess his favorite number, here's what he might have said:

   "Its tens and ones are 23.
   Its hundreds place is 3 times its ones.
   Its thousands place is 3 times its tens.
   The number's my secret. I've won! I've won!"

   What is his favorite number? _____, _____ _____ _____

4. Use the riddle below to figure out how many pieces of straw Rumplestiltskin spun into gold in the last room.

   "Broken down, it looks like this:
   7,000 + 600 + 50 + 4.
   This hint is enough.
   You don't need more."

   How many pieces of straw did he spin? _____, _____ _____ _____

5. If you made up a riddle about the year of your birth, what hints could you give? (Your riddle doesn't have to rhyme.)

   ___________________________________________________________

Science

Adopt a tree. Make a scrap book using old newspapers.

Cut it out in the shape of a tree.

❖ Choose a tree in your neighborhood, collect and paste things that belong to the tree in the scrap book, such as broken twigs, dried leaves, seeds, dried fruits, bark pieces etc.
❖ Make some leaf rubbings and paste them in the scrap book.
❖ Write the tree’s name, paste pictures of animals, birds and insects that visit or live on the tree. Write their names also. (Use your own imagination to make it colourful and attractive).
Task A: Paper Plate Sundial

(A tip: Start making your sundial on a bright sunny day in an open area).

Materials you will need:
- Paper plate
- Straw
- Pencil and ruler
- Pushpins
- Colors, markers or stickers for decoration

To make a simple paper plate sundial, you will need to follow these steps:

1. **Prepare a paper plate**: Use a pencil to poke a hole through the very center of the paper plate. Write the number 12 on the top edge of the plate. Draw a straight line from number 12 to the hole you made.

2. **Take Plate outside**: At noon, take the plate and a straw outside. Put the plate on the ground and poke the straw through the hole. Now, carefully turn your plate so that the shadow of the straw falls on the line of number 12.

3. **Fasten Plate to the Ground**: Fasten your plate to the ground with some pushpins or put some stones on the edges to hold the plate firmly to the ground.

4. **Check Shadow Position Hourly**: Exactly one hour later, check the position of the shadow along the edge of the plate and write number 1 on that spot. Continue the same process each hour predicting the position and writing the time on the edge of the plate.

5. **Decorate your Sun clock**: At the end of the day, you will have your own sun clock. Decorate it as ever you want.
Task B: My World of Wisdom
Directions to follow:

- Name the game of your choice.
- Shape of your game can be varied.
- Use one dice to play this game.
- Use this board game to play with your cousins and friends, also take pictures while playing with them.

Materials you will need:

- Colored chart papers
- Thermopol (square in size) to make the base.
- Dice
- Colors and markers
- Scissors and glue

Steps to follow:

1. Cut square pieces of colored chart papers and paste them on a thermopol sheet.
2. Draw the grid boxes and number them.
3. You can also write different instructions in some boxes. For example Go 2 spaces back, Move ahead 3, No question for you, etc.
4. Make flip cards to read the respective question number on which your friend’s dice falls. Ask the question and see if your friend can answer it or not. Try to come up with interesting general knowledge questions.
5. Decorate your card the way you want. Make it colorful. Good Luck!
Here are some examples flip cards for you:

Q. Tell me the name of ancient Egyptian writing.
A. Hieroglyphs.

Q. China is present in which continent?
A. Asia

Q. Which is the longest structure ever built by humans?
A. The Great Wall of China.
پریکھہ کرنا

نوٹ: 5 مقدمات کے لئے پندرہ سوالات کی ہوں گے۔