

**ФОРМИРОВАНИЕ
ФУНКЦИОНАЛЬНОЙ
ГРАМОТНОСТИ НА УРОКАХ
АНГЛИЙСКОГО ЯЗЫКА
ПОСРЕДСТВОМ УЧЕБНИКА
SPOTLIGHT**

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«Функционально грамотный человек- это человек, который способен использовать все постоянно приобретаемые знания, умения и навыки для решения максимально широкого диапазона жизненных задач в различных сферах человеческой деятельности общения и социальных отношений»

(А.А. Леонтьев)

читательская
грамотность

математическая
грамотность

естественнонаучная
грамотность

**Направления
формирования
функциональной
грамотности**


финансовая
грамотность

глобальные
компетенции

креативное
мышление

ФОРМИРОВАНИЕ МАТЕМАТИЧЕСКОЙ ГРАМОТНОСТИ

Упражнения на формирование математической грамотности

1  Listen and repeat. Count from 1 to 10
and from 10 to 1.

1
one

2
two

3
three

4
four

5
five

6
six

7
seven

8
eight

9
nine

10
ten

2

Write the missing number.

1 one, two, ► *three*, four

2 one, four,, ten

3, eight, six, four

4 two,, six, eight

4

Do the sums.

1 $1 + 2 = \blacktriangleright 3$ (*one plus two equals 3*)

2 $7 - 4 = \blacktriangleright 3$ (*seven minus four equals 3*)

3 $6 + 2 = \dots$

4 $9 - 5 = \dots$

5 $5 + 1 = \dots$

6 $3 + 2 = \dots$

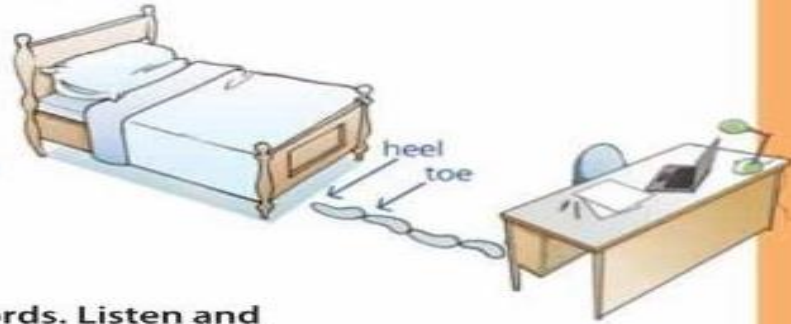
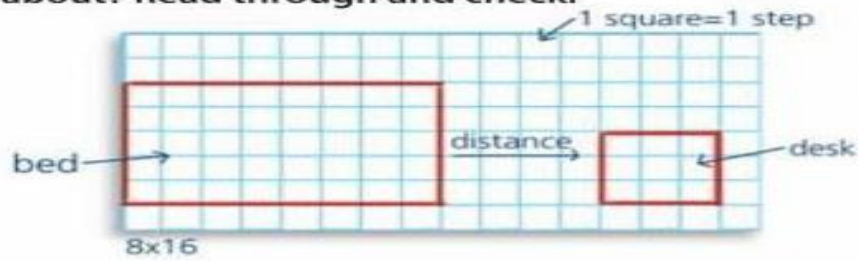
7 $10 - 1 = \dots$

8 $3 - 2 = \dots$

9 $6 + 4 = \dots$

10 $8 - 1 = \dots$

- 1 Look at the title of the text and the drawing. What do you think the text is about? Read through and check.



- 2   Read the text and complete the missing words. Listen and check.

Draw a Map to Scale

A scale of a map is the relationship between the size of something on the map and its size in the real world. How can you draw a map to scale?

What you need:

pencil



ruler




graph paper



What you have to do:

- 1 Choose two objects 1) i __ your bedroom, like your bed and the desk or the chair and the window.
- 2 Use steps to measure the distance.
- 3 Walk in a straight line. Place your feet from heel to toe. Count how many steps it takes to get from one object to 2) t __ __ other. Write down the number of steps.
- 4 Choose a scale, like one square on the graph is the same as one step. Draw a map of 3) y __ __ room. Use the measurements in steps. Write the map scale at the bottom of the graph paper.
- 5 This 4) i __ a scaled map of your room.

ФОРМИРОВАНИЕ ФИНАНСОВОЙ ГРАМОТНОСТИ

- 1**  Put coins A-G in order of value (from lowest to highest).

British Coins



A 5p coin, B 2p coin, C 20p coin, D 10p coin, E 1p coin, F 5p coin, G 1p coin.

1p = one penny
2p = two pence
100p = £1 (one pound)

- 2** How much do coins A-F add up to altogether? Which of the following items can you buy with this sum of money?



a packet of crisps



a bar of chocolate



a jar of jam




a carton of orange juice



a bottle of cola



a box of chocolates


- 5**  You are in a shop. You have £1. Use the pictures in Ex. 2 to act out dialogues.

- A: How much is this bar of chocolate, please?
- B: It's thirty-five pence.
- A: Here's a pound.
- B: Thank you. Here's your change, sixty-five pence.

- 6** **ICT** Make a poster about the coins in your country. Stick or draw pictures and label them. Use information from the Internet to find pictures.

1 euro = 100 cents; 1 rouble = 100 kopecks
1 dollar = 100 cents



b)  Who says each sentence 1-6 above?
A *shop assistant* or a *customer*? Listen and read to check.

Shop assistant: Good afternoon. How can I help you?

Marta: Good afternoon. I want to buy a souvenir.

Shop assistant: How about this key ring?

Marta: That's a good idea. How much is it?

Shop assistant: It's £4.00.

Marta: Can I have two, please?

Shop assistant: Sure. That's £8.00.

Marta: Here you are.

ФОРМИРОВАНИЕ ЧИТАТЕЛЬСКОЙ ГРАМОТНОСТИ

Reading

4 🎧 Look at the picture and the title of the text. Read the four names below. Who are these people? Listen and read to find out.

- Aunt Mary • Mary Jane
- Peter Parker
- The Green Goblin

5 Read and answer the questions. Explain the words in bold.

- 1 Where's Spider-Man from?
- 2 Who's his best friend?
- 3 What can Spider-Man do?
- 4 Who is against him?



Amazing SPIDEY!

2a

by Ann Smith
★★★★★

Peter Parker is a **quiet** teenager. He lives in a small house in New York City with his Aunt Mary. Peter hasn't got many friends. His best friend, Mary Jane, lives **next door**. One day, a spider **bites** Peter in a science lab. Now he's got special **powers!** He is **strong** and **fast** and he can **climb walls**, just like a spider! People love him, but his **enemy**, the evil Green Goblin, is after him. Can Spider-Man stop him? **Watch** this brilliant film to find out!

Extensive Reading 2

ACROSS THE CURRICULUM: LITERATURE



A *Oscar Wilde (1854-1900) was a popular Irish poet, novelist and dramatist. His most famous works include 'The Picture of Dorian Gray', 'The Importance of Being Earnest', as well as some excellent short stories like 'The Canterville Ghost'. This story is about an American ambassador and his family who buy a house although the locals warn them that ghosts live in it. After several incidents, the Otis family begin to notice the Canterville Ghost.*

1 Who was Oscar Wilde? Read text A to find out.

Reading & Listening

2 a) Read the title of the story and listen to the sounds. What do you think happens in this extract?

b) Listen, read and check.

3 Complete the sentences. Explain the words in bold.

- 1 Mr Otis was the
- 2 Mr Otis bought
- 3 People said that Canterville Chase
- 4 Mr Otis woke up because
- 5 Outside his bedroom, he saw
- 6 Mr Otis gave the ghost

4 What did the man Mr Otis met look like? Draw a picture.

Speaking

5 *Portfolio:* Act out a short dialogue between Mr Otis and the Canterville ghost.

Project

6 *Portfolio:* What do you think happened afterwards? In groups, continue the story. Present it to the class. Then, listen and check.

B Oscar Wilde *The Canterville Ghost*

When Mr Hiram B. Otis, the American ambassador, bought Canterville Chase, everyone told him it was a very foolish thing to do, as the place was haunted.

At eleven o'clock the family went to bed, and by half-past all the lights were out. Some time after, Mr Otis woke up because of a noise outside his room. It sounded like the **clank** of metal. He got up at once, **struck** a match, and looked at the time. It was exactly one o'clock. Mr Otis was quite calm. The strange noise continued, and with it he heard the sound of footsteps. He put on his slippers, took a small bottle out of his **dressing case**, and opened the door. Right in front of him he saw an old man. He looked terrible. His eyes were red; his hair was long and grey; his clothes were old-fashioned and dirty, and there were **handcuffs** and **rusty chains** on his wrists and ankles.

"My dear sir," said Mr Otis, "those chains need **oiling**. Here take this small bottle of lubricant. I will leave it here for you and I will give you more if you need it." With these words the ambassador put the bottle down on a marble table, and went back to bed, closing the door behind him.



- ▶ Эти упражнения за 7 класс в рубрике «Литература» учат работать со сплошным текстом.
- ▶ Упражнение 1. Прочитать краткую информацию об авторе и его работах.
- ▶ Упражнение 2а. Необходимо прочитать заголовок рассказа и прослушать звуки, прогнозировать, что происходит в данном отрывке.
- ▶ Упражнение 2b,3. Прослушать текст и заполнить пропуски.
- ▶ Упражнение 5. Разыграть диалог между мистером Отисом и Кентервильским приведением.
- ▶ Упражнение 6. В группах продолжить рассказ.



При формуванні данного виду грамотності, важно навчити працювати з таблицями, схемами, объявлениями, отрывками из писем.

b) Read the notices again and find:

- 6 school subjects
- 6 school objects
- 5 days of the week

c) Answer the questions.

- 1 Is the history class in Room B?
- 2 Who's the English teacher?
- 3 What do you need for the science class?



1 ► a pencil sharpener



2 ruler



3 rubber



4 pencil case



ФОРМИРОВАНИЕ ЕСТЕСТВЕННОНАУЧНОЙ ГРАМОТНОСТИ



1 Listen and repeat. Which words are compound nouns? What do you call these insects in your language?

2 a) Read the title of the text. What do you expect to read about? Listen, read and check.
b) Read the text and answer the questions.

1 How many insects are there in the world?
2 Where do they live?
3 Why are insects important?
4 What can bees do?

3 Which facts from the text do you find interesting? Tell the class.

4 Project: Become a garden detective – go on an insect hunt.

- Make a list of insects that you expect to find.
- Write down any insects you find on the ground.
- List any flying insects you find.
- Take pictures of each insect. Describe the insects.
- Talk about your insects to the class.

It's an insect's life!



There are about 10 million types of insects in the world. These little creatures live in our homes and gardens. Some live near water, others live in fields, parks, and forests. Some insects come out during the day while others come out at night.

Insects are really important. They keep our gardens clean because they eat dead leaves and other waste¹. They are also an important food for birds and other animals. Some insects, like bees, even make food – honey.

¹ unwanted things, rubbish

5 Sing the song!

SONG

Bees, bees buzzing in fields
buzzing around
wherever they please
There's nothing so sweet
as a honey bee



Vocabulary

Helping out

- 1** Look at the picture. What is each person in the picture doing?

- plant flowers • recycle cans
- collect rubbish • build nesting boxes
- teach the cycle of life • clean out a pond
- read a book about ecology

▶ Dave is planting flowers.

- 2** a) Who is using the tools/equipment below? What are they using them for?

- a ladder • a hammer and nails • a spade
- a watering can • a rake • a net
- gardening gloves • a plastic bag

▶ Sally is using a ladder to collect rubbish from the tree house.

- b) How are these tools used in eco-camps?

▶ Plastic bags are used for collecting rubbish.

Reading & Listening

- 3** a) Look at the title and the picture. What does *eco-helpers* mean? Listen, read and check.

Dave: Hi, Tim. What's up?

Tim: Oh, hi Dave! What are you doing here?

Dave: Oh, I've joined the Eco-helpers club.

Tim: Oh yeah, I've heard about that. Sally collects rubbish for recycling in the park every Saturday morning, doesn't she?

Dave: That's right. She's been doing that for a month. I've been building nesting boxes.

Tim: Nesting boxes?

Dave: Well, there aren't many trees left in the city for birds to build their nests. If we don't help them, they will have to leave the city.

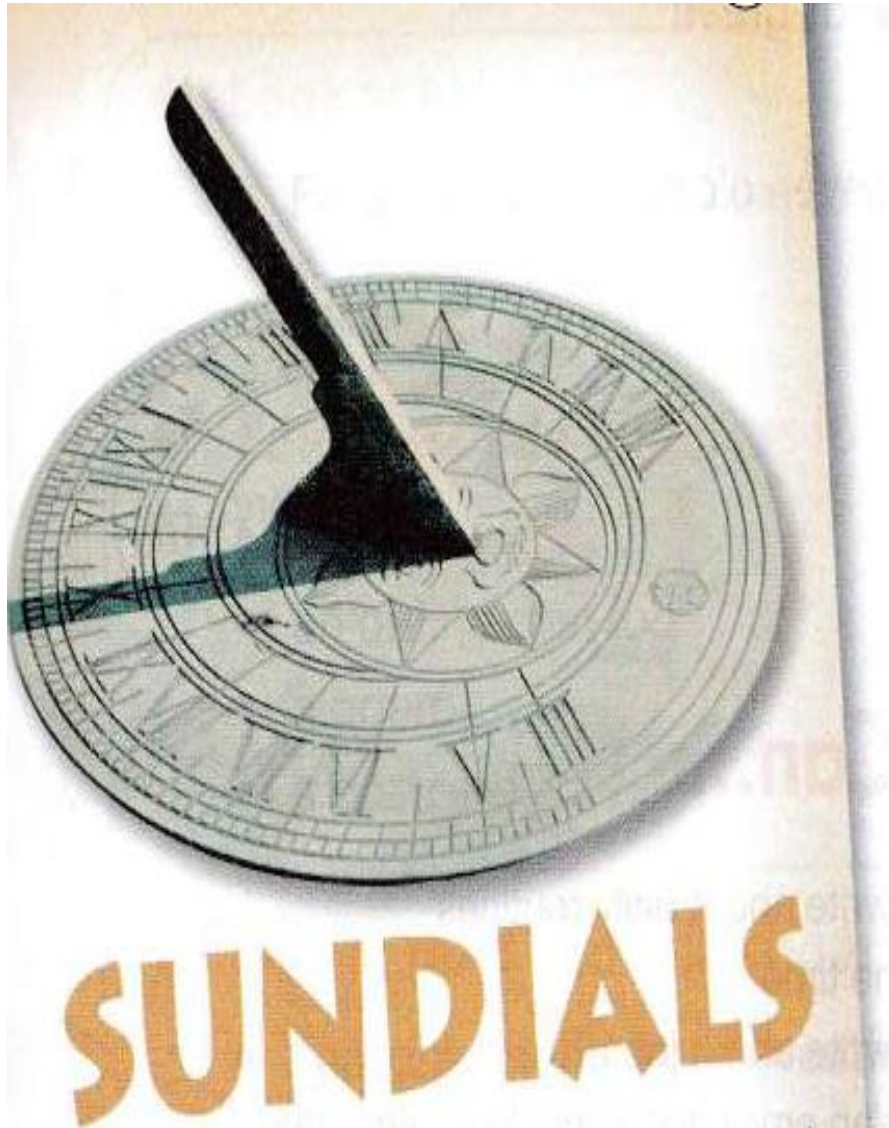
Tim: That's interesting. What else have you been doing?

Dave: We've been planting trees and cleaning out ponds for a week now that the weather's good.

Tim: Your club sounds wonderful. I could join as well, couldn't I?

Dave: Of course you could. We really need volunteers, but you have to see Miss Jackson first. She'll tell you what to do.

Tim: Sounds great! I'll join first thing Monday morning.



With the sun shining

IT'S THE PERFECT TIME TO MAKE A SUNDIAL.

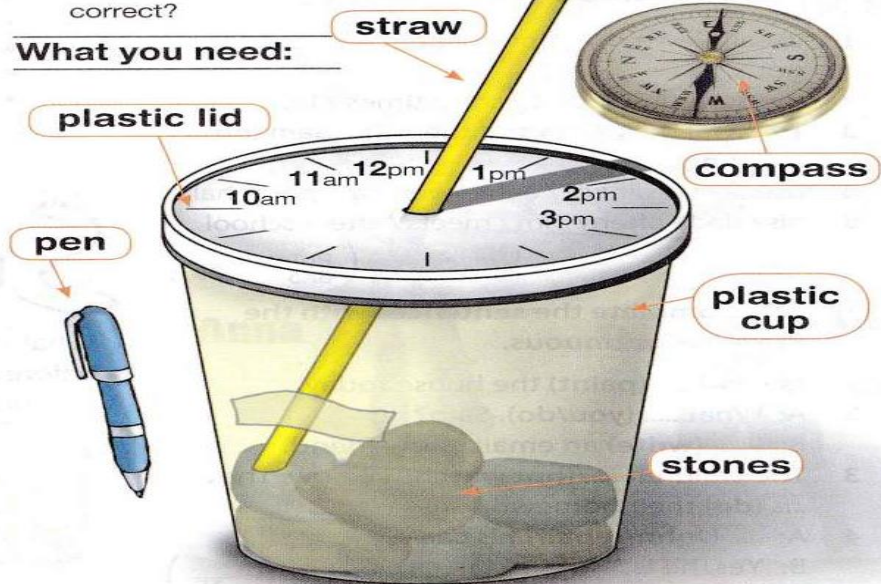
How to make it:

- 1 With a pen, make a hole in the side of the cup, about 5 centimetres from the top.
- 2 Put small stones in the cup and put the lid on.
- 3 Make a hole in the lid. Put a straw through the hole in the lid and the hole in the side of the cup. Your sundial is ready!

How to use it:

- 1 On a sunny day, put your sundial on the ground in a place with no trees or buildings nearby.
- 2 Find north with your compass and point the straw to the north.
- 3 At 10am, look where the shadow of the straw is on the lid. Make a mark with the pen.
- 4 Do the same at 11am and then every hour until 3pm.
- 5 The next day, look at the shadow and tell the time. Is your sundial correct?

What you need:





ФОРМИРОВАНИЕ ГЛОБАЛЬНЫХ КОМПЕТЕНЦИЙ

World monuments in DANGER

Acid rain is rain that contains particles of acid. It is mainly caused 1) burning fossil fuels. Acid rain is bad for the environment and many of the world's historic monuments are 2) damaged by it.



- The **Statue of Liberty** in New York was a gift 3) the French people to the American people and is a universal symbol of freedom and democracy. Millions of people visit this great monument every year. For many years now, acid rain has 4) damaging the statue and has even changed its colour.
- The **Leshan Giant Buddha** is located 5) the eastern side of the Min River in the Sichuan Province of China. It is 70.7 metres high. Begun in 713 AD and finished in 803 AD, the statue took people around 90 years to carve from stone. It is the world's largest stone Buddha. It 6) nearly destroyed by wind erosion and acid rain before 1963 when the Chinese government began to repair it. Nowadays, the maintenance work is still 7) progress in an effort to restore this beautiful monument.

1 What do you know about the monuments in the pictures? Why do you think they are in danger? Read to find out.

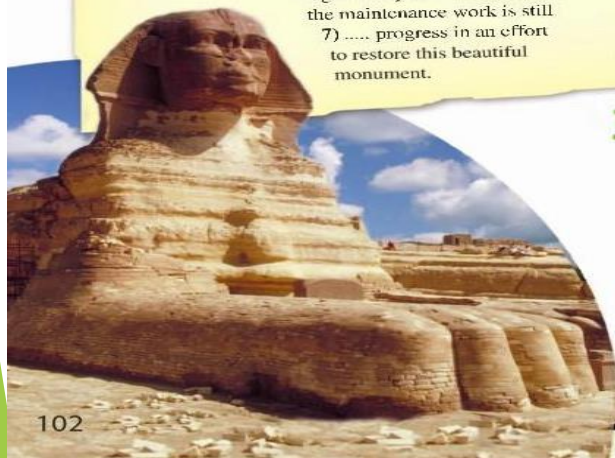
2   Read the text and complete the missing words. Listen and check.

- The **Great Sphinx in Giza** is one of the 8) fascinating historical monuments of all and a national symbol of 9) ancient and modern Egypt. It was built about 4,500 years 10) and is the biggest stone sculpture ever made. Every year, millions of tourists come to see the Sphinx. Unfortunately, wind, smog and acid rain are putting this wonderful monument in danger. If we want to reduce acid rain, we must burn less fossil fuels. Burning coal, oil and gas releases huge amounts of sulphur* into the atmosphere. This is what creates acid rain. The best way 11) solve the problem is to use alternative energy sources to produce electricity. Factories which use solar and wind power instead of the traditional fossil fuels can really help the environment. Another thing we can do is make cars and other vehicles more environmentally friendly. We need to stop using petrol. Instead, we can use cars 12) are electrically powered or run on some other fuel. In this way, the atmosphere will be cleaner and our monuments will stay beautiful.

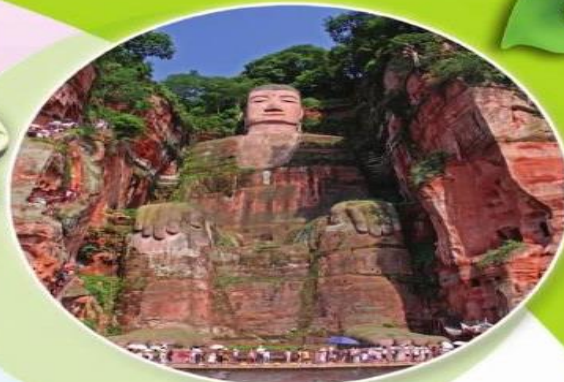
* Sulphur is a yellow chemical with a strong smell.

3   Read the text. Decide which of the statements (1-8) are T (true), F (false) or NS (not stated).

- 1 Acid rain is caused by burning coal, oil or gas.
- 2 The Statue of Liberty was given to the USA by the French.
- 3 It took people 93 years to carve the Leshan Giant Buddha.
- 4 Wind erosion alone almost destroyed the Leshan Giant Buddha.
- 5 The Leshan Giant Buddha is being repaired.
- 6 The Great Sphinx is the oldest sculpture in the world.
- 7 The Statue of Liberty is visited by more tourists than any other monument.
- 8 Solar power is better than wind power.




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Going Green

6

6  Match the words in bold in the text to their definitions.

- 1 object or design that represents an idea or thing
- 2 gradual destruction of rock or soil caused by water or weather
- 3 very small parts of something
- 4 mixture of fog and smoke
- 5 work of art shaped from a material
- 6 fuel formed from decomposed remains of plants and animals

7 **ICT** Collect information about other monuments/historic buildings which are in danger. Present your findings to the class. You can visit this website: <http://gotourl.ru/10718>.

8 **THINK!** Do you agree with this proverb? Discuss.

GREEN wisdom

"We do not inherit the earth from our ancestors, we borrow it from our children."


Native American Proverb

 study skills

Context clues

When authors write, they often include context clues to the meaning of words they use, but feel their readers may not know. These clues can be: definitions, synonyms, antonyms, or visual prompts.

4 What context clues has the author used in the introduction?

5  Listen to and read the text again. Which facts from the text impressed you? Tell your partner.

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ФОРМИРОВАНИЕ КРЕАТИВНОГО МЫШЛЕНИЯ

Project

6



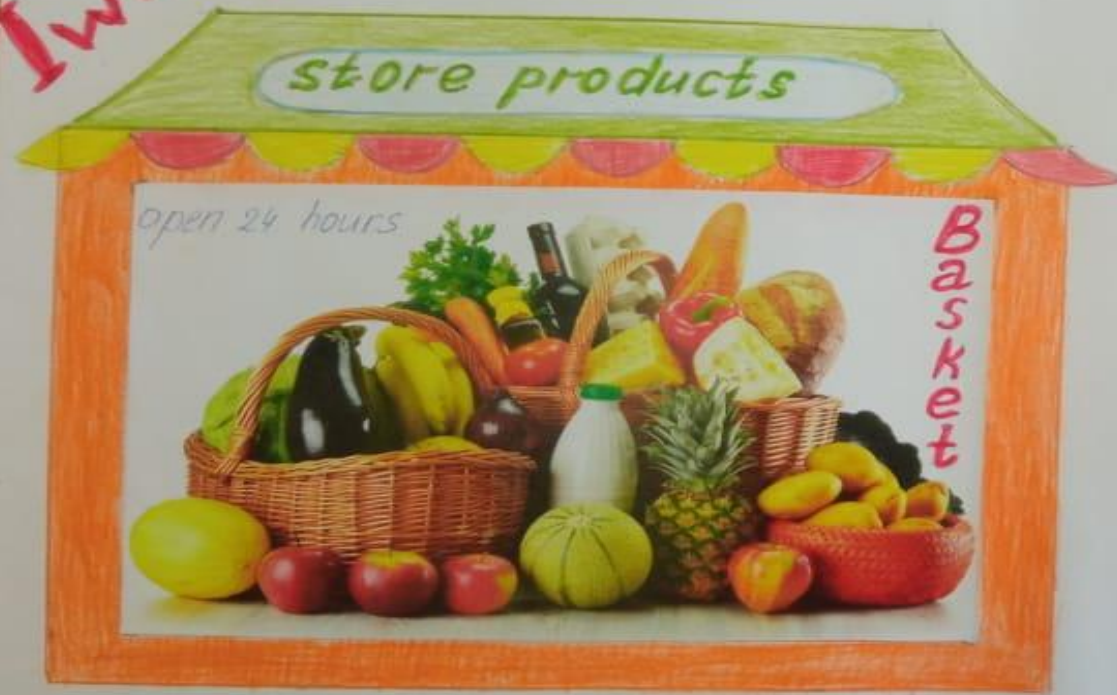
Portfolio: Write your own poem about your family. Use animal similes and the model below. Read out your poem to the class.

Project

4

ICT *Portfolio:* Make a poster about a famous family in Russian culture. Use the Internet to find pictures and write short descriptions.

A shop I would like to have



On the yard or even snow, though the heat
And in the "Basket" of our beauty!
You go in our ^{spacious} shop.
He will enchant you with its ^{various} radiance ^{store} ^{rents}.

milk - 50 rubles
bread - 25 rubles
cheese - 43 rubles
sour cream - 58 rubles
eggs (desotar) - 80 rubles

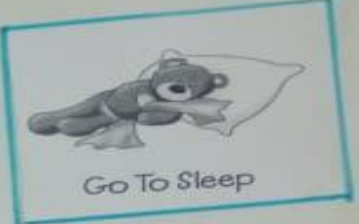


bananas (1 kg) - 60 rubles
cabbage - 40 rubles
apples (1 kg) - 35 rubles
potatoes (1 kg) - 38 rubles
cheese (300g) - 120 rubles
and every

Demucob. 5B



I wake up with the alarm clock at 8am.
Then I make the bed, brush my teeth and eat breakfast.
After that I'm going to walk with my friends.
We ride bikes and play football.
I have lunch at 1pm. After that I play computer games.
At 6pm. we together with my family having dinner and watching TV.
I go to bed at 10pm.



MY WEEKEND





The working hours:
every day 10am - 8pm.



Attention!

There will be the best pet shop "Animal Planet" in our town. We have exotic and funny animals. They differ from any other animals. You will like them and you will come to our shop again. We have good price!

Animal Planet



«Функциональная грамотность сегодня - это базовое образование личности .

Ребенок должен обладать:

- ▶ готовностью успешно взаимодействовать с изменяющимся окружающим миром...;
- ▶ Возможностью решать различные (в том числе нестандартные) учебные и жизненные задания ...;
- ▶ Способностью строить социальные отношения...;
- ▶ Совокупностью рефлексивных умений, обеспечивающих оценку своей грамотности, стремление к дальнейшему образованию...; »

Resources :

- ▶ 1) <https://урок.рф>
- ▶ 2) <https://www.pedopyt.ru>
- ▶ 3) urok.1sept.ru
- ▶ 4) <https://nsportal.ru>
- ▶ 5) <https://wwwteacherjournal.ru>
- ▶ 6) Учебники Sportlight 5,6,7,8,9 классы

Thank you for
your attention!