

Projekt
LETEM INTERKULTURNÍM SVĚTEM II.
CZ.07.4.68/0.0/0.0/16_037/0000337

METODIKA PRO PŘEDŠKOLÁKY

BAMBINO IN THE WORLD OF TECHNOLOGY



EVROPSKÁ UNIE
Evropské strukturální a investiční fondy
OP Praha – pól růstu ČR



Bambino in the World of Technology

At this chapter our little Bambinoes will be scientists, inventors and explorers as they will be given opportunity to cultivate on a deeper level a true knowledge about technology and its important role in the modern world. They would experience and live the history of technology and first inventions and inventors as well as their giant impact on the cultural background of society.

The Bambino explorers will have the open gate towards the most creative and beloved activities which are entirely based on improving and developing their critical thinking. They will get familiar with the tight relationship between culture and technology, as well as its aspects and perspectives. Furthermore, we would activate our kids' knowledge and teach them about facts and details of the vast learning pool and freedom bond with creativity which technology is offering people.

In all activities included in this methodology we intend to highlight what is the most important to teach our little Bambinoes and that is how technology is actually an aid of multicultural socialization and relationship building. Moreover, we would have to call this chapter "*The Right Kind of Screen Time for Children*" and explain to our little Bambinoes that never before had technology improved than in the time we live in.

To add things we must mention that our activities are divided into four parts, each containing its own goals and targets to be achieved.

1. Circle Time- this part is an initiative one. Here we inform our children about the topic we are going to discuss and activities in which they will take part. Moreover, children may ask questions and are free to exchange opinions and give their own point of view on the topic.

During this activity we use flashcards, pictures, books, encyclopedia and other practical educational materials that may help us do the circle time more interactive and captivating.

2. The stage of motivation/ Pre-contemplation- At this stage the role of teacher is primordial. He will be the motivator and the guide towards the activities that children will participate at.

The teacher will be a kind of activist and helper as his kids will need to understand the whole process in which they will be involved in.

3. The process of activity- this is the time where all the kids imply their creativity and talents to gain the goal. They will activate their critical thinking and they will reflect all the things learned at this chapter.

4. Feedback- after all the activities in the remaining time the teacher will discuss with his children about what they found to be interesting and how could they apply it in the daily life. They will also talk about what they would like to change and make it even more entertaining for them.

All these activities in which our little Bambinoes are taking part are made according to the concepts of the requirements for the preschool level. Nevertheless, without any hesitation some of them could be also used to the other levels like kindergarten or the pre- preschool level.

All in all we hope that our activities are worth trying it and are useful. In case you have any feedback or ideas for us to change and make it better please be free to inform using our email: info@skolka-bambino.cz

Inventions That Changed Our World-

The History of Inventions

Little Bambino Explorers

Level Mini school

Kindergarten

Pre preschool

Preschool

Note: This theme unit will be adapted according to the children's level and the requirements they should achieve.

Goals: Improving listening skills, imagination, critical thinking, developing knowledge and discover the world of inventions.

Materials used: Flashcards, books, encyclopedia, interactive board, Mensa for Kids (<https://www.mensaforkids.org/teach/lesson-plans/the-power-of-invention/>), A to Z Kids Stuff.

It is essential to teach our children about how important technology is today and how it was developed through many years as great inventions have been produced by using imagination, ingenious thinking and experimentation.

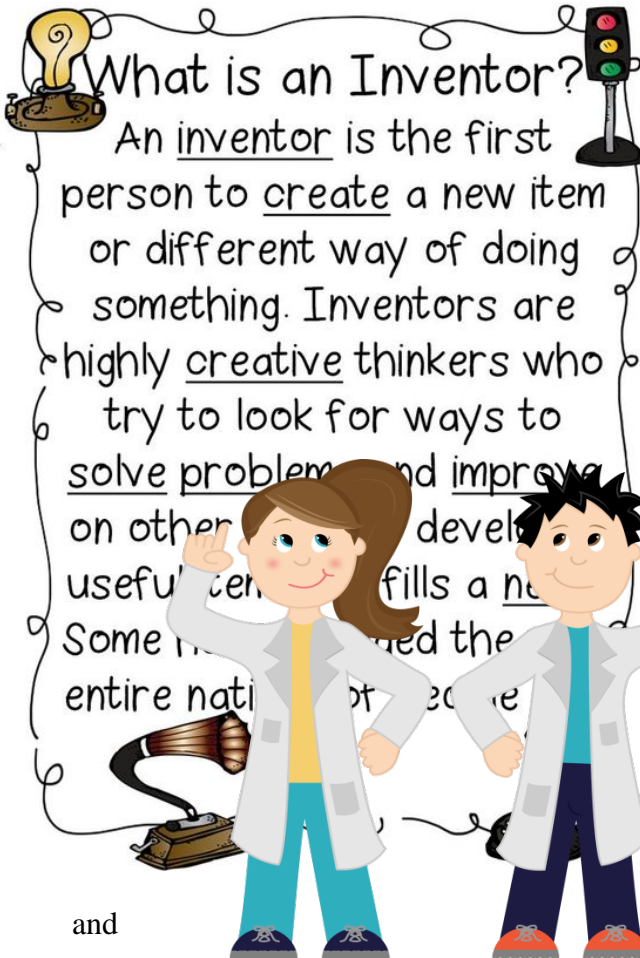
Throughout history, people have imagined and then created new things to make their lives better, easier, and more enjoyable. From the wheel to the telephone and then the computer, inventions continue to change the way we live. This theme unit introduces kids to the amazing world of inventions — they'll learn about famous inventors, explore everyday inventions, and discuss the top inventions of all time and even imagine a new invention for the 21st century (concerning the preschool level children).

Thus, the new theme will be introduced to our little Bambinoes during the circle time. They will be shown flashcards with some modern inventions and then the teacher will ask them which invention they use the most at home. The teacher will also ~~te~~ll-explore, with children, the definition of an inventor.

As children are naturally curious they just love to explore and tinker. Therefore, learning

about inventors and inventions is a great way to foster that curiosity in our little Bambinoes. Having them learn about how others diligently worked and sometimes just stumbled upon ideas to solve problems can help to encourage them to ignite their own curiosity.

So let us start our fantastic lesson and travel to the world of technology and inventions.



and

Firstly, children will travel back in time and they will learn some facts about the first inventions inventors, as those are the base of the modern technology we have it in the modern world and we consider it to be important to get our kids acquainted with the inventions that changed the world we live in. Secondly, our little Bambinoes will have a certain type of art craft or practical activity which will contribute to a deeper understanding of our topic.

The Invention of the Wheel

- Level Mini School
- Kindergarten
- Pre preschool
- Preschool



Goals: Improving art craft skills, working on listening comprehension skills, gross motor skills, creative thinking and imagination.

Materials used: Interactive board, websites and videos, educational websites, flashcards, encyclopedia, map (on which they again will point to some old civilization like – Babylonian, Ancient Egypt, etc.).

Before starting our practical part our little Bambinoes will watch a short video on the interactive board about one of the first invention that contributed to the building of new ancient civilizations- the wheel <https://www.youtube.com/watch?v=vC8xmdA4Dmg>.

After the video the teacher will mention to ~~theher~~ children that Ancient people were a pretty clever bunch. They invented many things to make their life more comfortable and fun, things we still use today like **fire**, the **wheel**, the **sailboat**, **paper**, **silk**, **kites**, **tea**, **umbrellas**, **ice cream** and many more.

As in one of the previous multicultural methodologies Mr. Bambino travelled to Babylon and discovered its culture and old civilizations, we must as well mention that Sumerians (people who lived in Mesopotamia) invented ~~for the first time~~ the wheel. Moreover, because they were considered to be very inventive people it is believed that they also invented the sailboat, the chariot, the wheel, the plow, and metallurgy.

Moreover, because transportation was the key to all the civilizations, people continuously had to find ways to travel to trade goods. Thus, Mesopotamians created **The Sailboat** so they can travel through the sea and go to the other countries. But the ardent desires to invent ground transportation lead them to the invention of **The Wheel**. It had many uses from carrying goods to travelling from one place to another (a slave was dragging his master).

It is supposed that the first wheel was the result of a cut a disc from the trunk of a tree and a hole in its



center; the end product was the wheel—arguably the greatest invention in human history. For the first time the invented wheel was not used for transportation but for pottery.

Later this revolutionary invention made people's life easier in all the spheres like: irrigation,



milling, pottery, trading, travelling, etc., and it shouldn't be viewed as a “primitive invention” but as one of the greatest achievement of the human society. Furthermore, **the next time we ride on a bike or get in a car, we need to thank the ancient Sumerians for their clever invention of the wheel.**

That is the reason our little Bambinoes will ~~further-on~~ continue their theme with a bicycle craft activity so that they would work on the practical part of their topic they are learning.

After all this being said the teacher will start ~~his~~their art craft activity.

Bicycle Craft for Kids

Level Mini school

Kindergarten

Pre preschool

Preschool

Goals: Working on gross motor skills, imagination and creative thinking, critical thinking and team/individual work.

Materials used: Paper plates, scissors, paint, paint brushes, glue, Popsicle sticks.

The activity process will begin with the teacher explaining to ~~her~~their little Bambinoes what they have to do and together they will prepare the materials they need. Moreover, with the mini school and kindergarten children the teacher will actively participate and he will help ~~his~~their little one to work in teams. In ~~the~~ case of the preschool and pre preschool level children they will be given this activity as an individual task.



Thus, the first thing the children will need to do is make the frame, seat and handlebars of the bike. They will arrange them in the shape shown above and glue them in place.

We used Popsicle sticks for the spokes and so we glued them into a spoke shape, using four multicolored Popsicle sticks. Then we glued those to the inside of the wheel and if we are using paper plates, we will need to cut a circle in each one first, in order to create the wheel shape.

There are also two options we are giving to our little Bambinoes and those are: 1.They can either paint the wheels and frame separately and then glue together. 2. Or they create the whole bicycle shape and then go wild by decorating it the way they however they would like it.

Ferries Wheel Craft Made From Recycled Material

Level Pre preschool

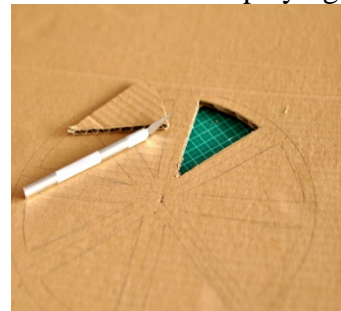
Preschool

Goals: Improving motor skills, creative thinking and imagination, listening comprehension and multitask effectiveness and focus, team work.

Materials used: Cardboard, plastic plate, colored markers, pencil, art knife (under teacher's supervision), paper pins, cupcake wrappers (leftovers from the baked muffins or cupcakes).



Our little Bambinoes are always being taught about the importance of saving the environment and love for nature. That is the reason we give our children almost all the time the possibility to experience fun and excitement while playing and making their own new toy craft that will serve them for a good amount of time. Such activity is not only fun but also a way to develop their artistic side and raising the spirit of environment's savior as at this task ~~our~~the kids will consume only recycled or already used items as the main materials.



This Ferris wheel toy is made from used cardboard. With a marker the children will draw a circle using a plate and divide it (the circle) into eight parts; like an even pizza slices. Using an art knife they will cut out the triangles ~~first~~out and ~~finally~~then the rest of the circle.

The base of the Ferris wheel will be a folded rectangle cardboard forming a standing triangle making the base secure. Then the wheel will be tucked using something that will hold the wheel (e.g. a paper pin) and allow it to turn at the same time.



The gondola can be made by using cupcakes cups (used ones). When attaching them, children may use the same materials as they did use in tucking the wheel. So it will also turn freely as they turn the wheel.



After a successful assembly of this eco-friendly Ferris wheel, our little Bambinoes will decorate it with colored markers or using paint and paint brushes. They will stuff the gondola with whatever they want.



The Great Invention of Paper

Level Preschool

Goals: Listening comprehension, get children acquainted with one more important invention that changed our life,



Materials used: Books, encyclopedia, atlas, maps, interactive board, flashcards, A to Z kids website, kidssearch.com

During the circle time the teacher will introduce to ~~her~~the little Bambinoes the topic and ~~he will use~~ educational materials to motivate children for the further steps that they will make ~~together~~ towards a new discovery of an ancient invention.

A great invention made in ancient times was the paper. Nevertheless, we must mention that writing started long before the invention of the paper. People wrote on many kinds of material. They wrote on cloth, on stone walls, on wood. In Mesopotamia the Sumerians wrote on clay tablets, many of which have survived until today.

Many centuries ago people in Egypt made a kind of paper from the Papyrus plant. This is where the word 'paper' comes from. The people of Greece and Rome learned to do this too. The Romans wrote on parchment (made from animal skin), on waxed tablets and on wood.



In China 105 AD, a man named Cai Lun told his Emperor he had made paper. Previously, in China people had used bamboo and silk instead. The material used in this ancient paper included cotton rags, hemp, various plant fibers, and old fish nets. The oldest existing paper with writing on it was found in the ruins of a watchtower in the Great Wall of China.

Paper-making was regarded by the Chinese as so valuable that they kept it secret as long as they could.



Nowadays, paper is used for writing and printing. Books, magazines and newspapers are printed on paper. Moreover, it is often used for money and it is made in very special ways, to make it hard for people to print their own money. A piece of paper money is called a banknote, a bill, or a note.

Paper can be used for cleaning. Special forms of paper are used, such as paper towels, facial tissues, or toilet paper.

Colored paper can be used as decoration. It can be pasted onto the walls of a room; this is called wallpaper. Paper can be used to wrap gifts. This is called wrapping paper or gift wrap.

Some kinds of paper are strong and can be used in boxes and other packaging material. Sometimes several layers of paper are held together with glue, to make cardboard.

The factories where the paper is produced are called paper mills and the largest paper producing countries are USA, Canada, Finland, Sweden and Russia. They produce hundreds of tons of paper each year.

After all this being ~~said~~explored, our little Bambinoes will have a series of art craft activities which will help them to review all the information they ~~got~~found during the circle time and learn it not only on ~~a theoretical~~a cognitive level but also on a practical one.

Art Craft Activity

Paper Fans

Level Kindergarten

Pre preschool

Preschool

Goals: Working on and improving motor skills, coordination, creative thinking and imagination, individual task approach, teaching them about the history of paper fans.

Materials used: Flashcards, interactive board, <https://china.mrdonn.org/paperfans.html> website, map (point China), multicultural puppets, patterned paper in a variety of colors and styles or construction/colorful paper, scissors, glue, wooden popsicle sticks, pencils, kidsblog.com.

Before the activity the teacher will tell to ~~his~~their little Bambinoes about some historical facts concerning the Paper Fans. ~~He~~The teacher will ~~show~~present some flashcards with different types of fans and ~~he~~ will also mention that the ancient Chinese loved fans and that the earliest fans were made of feathers.



Over the years, the clever Chinese people made fans from all kinds of materials including straw and wood. The Ming Dynasty that the Chinese discovered the art of paper fan folding, however, they did not invent the folded paper fan. That invention arrived from Japan and Korea on the Ming Dynasty. Once the folding paper fan was introduced into ancient Chinese society, it was immediately adopted. Everyone had to have a folded paper fan. Fans were embroidered and painted and decorated.

Afterwards, children and their teacher will start gathering the material they need for their craft activity.



KOREA



JAPAN

After gathering the supplies, the teacher will invite all ~~his~~the children to choose a colorful sheet of construction paper to fold into an accordion. They will start at one end



and fold about 2-3 cm. of paper up. Next, they will turn the paper over and fold another 2-3cm. and repeat the same movements until the entire paper has been folded.

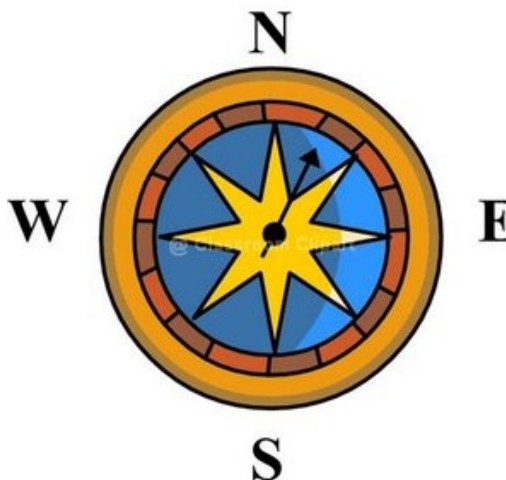
Then they will fold the accordion in half, pull the top edges of the folded side up and attach them together with glue. They will also use glue to secure two standard-sized wooden craft sticks to the bottom of the fan. This will allow children to easily open and close their fan. To add points we must say that when the fan is not in use our little Bambinoes will close it and wrap a rubber band or string around it. Alternatively, our kids also used plain white construction paper and draw colorful patterns on their fans.

The Compass

Level Preschool

Goals: Get children acquainted with an ancient Chinese invention and shall we say “technology”-The compass, developing listening comprehension skills.

Materials used: Books, encyclopedia, maps, atlas, interactive board, flashcards, Ducksters.com, videos.



As usual our main activity will start only after the circle time. This is the moment where the teacher, besides introducing the main theme, is highlighting the background and main points of her the topic to her the little Bambinoes.

As this time our children will get knowledge about the history of one of the main traveler’s guide and helper- the compass, the teacher will not forget to mention that the Chinese invented it.

They invented the magnetic compass to help determine the correct direction. They used this in



city planning at first, but it became important to map makers and navigation of ships as because knowing what direction you are facing is a very valuable piece of information. This is especially true if you are traveling: because you can use the information to help find your way or guide your safe return. There’s nothing much worse than getting hopelessly lost in the woods or successfully exploring a new frontier, only to find that you have no idea how to make it back home. Such problems were much more common before the invention of the compass, an instrument that

indicates direction. Before the compass, people had to rely on landmarks, constellations, or other visual means to help steer them in the right direction.

Thus, after telling to kids how important is to know directions they will have their own compass craft activity that will help them to learn directions.

The Compass Craft

Level Preschool

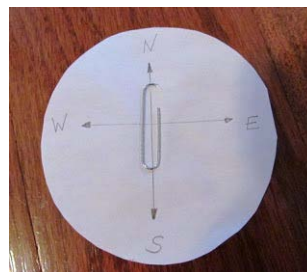
Goals: ~~Learn~~ Introduce directions (North, South, East and West), improving gross motor skills, creative thinking, manage team work and focusing.

Materials used: Paper, paper clip, magnet, pencil, ruler,

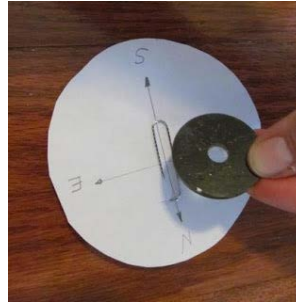


Our Little Explorers and Little Scientists got together and made amazing compasses and here how they did:

1. First we drew the face on our compass.



2. Next they put a paperclip on it.



3. Then, they 'magnetized' the paperclip by rubbing a magnet along it. They rubbed the magnet south TO north, and make sure you only go in one direction.



4. When we put it in water, the compass turned in the water until it pointed north.

Listening comprehension:

At the end of the lesson our little explorers will watch a video about the history of the compass and its importance: <https://www.youtube.com/watch?v=MqCiY7MAT2U>

<https://www.youtube.com/watch?v=iKLi88gFBDg>

Children will be given questions and they will talk about what they learned at this lesson and activity. They will share their opinions and they will get the chance to reveal personal views and experiences.

Modern Technologies

Little Bambino Scientists

Level	Mini school
	Kindergarten
	Pre preschool
	Preschool

Goals: Get acquainted with modern technologies present in our everyday life, improving listening skills, imagination, critical thinking and discover the world of new inventions.

Materials used: Flashcards, interactive boards, encyclopedia, educational websites, videos, etc.

Before starting ~~his~~this activities, during the circle time, the teacher will explain to ~~her~~the little Bambinoes that modern technology has changed civilization in many different ways. People advanced in their life and they had a big progress in the way they work and live their life. Children will also ~~be told~~explore that the technology helped in developing the way we communicate and socialize, in the way we research and create new things, it helps us to be updated and it gives us the opportunity to access everything we wish.

Listening Comprehension

A video will also be shown <https://www.youtube.com/watch?v=DENG7Q7VRgo> which contains interesting facts about the past and present technologies. Children will enjoy watching it and, of course, they will take the best out of it. After watching the video some flashcards will be shown to our kids and they will try to name them and say if it was an invention from past or present.

Our main target will be to teach them at least a number of those technologies and imply their knowledge into practice by having some art craft activities.

The Telephone

Level Pre-preschool

Preschool

Goals: Improving listening skills, group work and focusing on the task, acquire knowledge, developing gross motor skills, creative thinking and im-agination.

During the circle time the teacher will mention to herthe little Bambinoes that the telephone was the most important invention of modern times that serves nowadays as one of the most used technologies.

The telephone was invented in 1876 by Alexander Graham Bell. Moreover, this invention expanded and sped up the way people communicate, especially nowadays, as they use technological apps that make people communicate at a big distance and still be able to see each other.



Children will also watch a video about the history of telephone and after that they will start their art craft activities

<https://www.atozkidsstuff.com/inventions.html>.

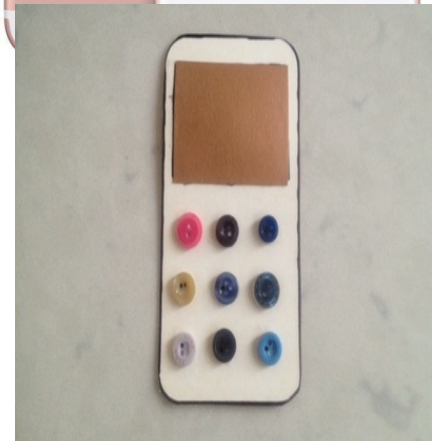


My iPhone/ Telephone Craft

Level Kindergarten

Materials used: Cardboard, buttons, glue, scissors, pen, markers, pencils.

Let's start!



The first thing our little scientist will have to do is to draw a rectangle freehand or draw around a mobile phone on a piece of card. Then, they will draw a screen and dots where they want the buttons to be. Afterwards, they will cut out the rectangle and stick the buttons (any color they want). They can also color the phone and decorate it according to their desire.

For the Pre -preschool and preschool level we prepared a different type of telephone craft:

Toilet Paper Rolls Telephone Craft

Materials used: paper, colored pencils, black marker, thread, toilet paper rolls, glue.



Together with their teacher our talented kids will first gather the materials they need.

1. Firstly, they will take a toilet paper roll and color it the way they want.
2. Secondly, they will draw a circle, cut it and draw numbers in it.
3. Thirdly, ~~with the help of the teacher~~ they will draw a phone handle and also color it.
4. At the end they will have to glue the circle with numbers on the side of the toilet paper roll and then connect the phone handle with it by using a thread.

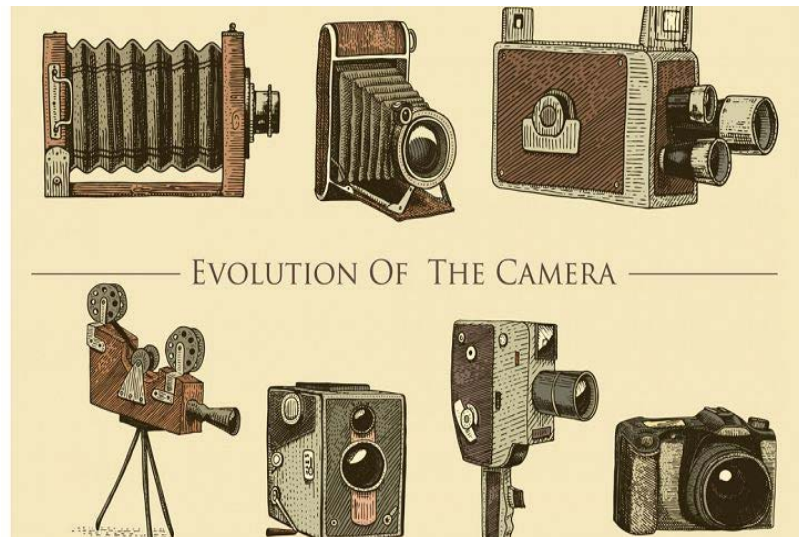
Life through a Camera Lens

Level Kindergarten

Pre-preschool

Preschool

Goals: Team work, enriching knowledge and developing fine motor skills, improving visual memory and creative thinking, mastering their creative skills.



Materials used: Books, flashcards, encyclopedia, interactive board, educational websites for kids.

The invention of the camera has allowed humans to capture a moment in time and revisit it forever. Today, digital cameras make taking pictures really easy and everyone is ready to use it anytime they want.

A Toy Camera Out Of an Old Egg Box

Level Pre-preschool

Preschool

Goals: Working on fine/gross motor skills, focusing on individual task, creative skills and art craft.

Materials used: Egg carton, felt, paint, scissors, glue, cardboard, stapler, cotton wool, yarn, cotton wool.

During this activity the teacher will actively be involved and help all the children to manage the given task.

The activity will start with cutting the egg box in half.

Then the children will cut up the side that holds the eggs and snip one to the size they want for the lens then keep another one to go on top for the viewfinder.



They will paint the two egg cups with the color they want and then they will take a piece of felt to cover the front with. Children will also use some wool to make a neck string for it, snip a hole in either side of the felt and egg box to push it through then they will tie it together inside the box. A hole will be cut in the felt and glued the lens on the front of the egg box lid.

Then they will staple the felt to the egg box, cut a hole in the felt and stuck the flap of the second egg holder through the hole in the egg box lid.

They will cut a hole in the end of it so that they can look through it.

The next step will be to stuff the back with cotton wool then put a bit of cardboard over it before stapling the rest of the felt to the egg box.



Because we are at the multicultural chapter our target of this craft will be that all the children (from the preschool and pre-preschool level) that participated at our craft will be able to use a real camera and take photos of their friends and at the back of that photo they will write their ethnicity. This will create a stronger bond and understanding of different types of culture our kindergarten is lucky to teach and educate.

Song

Level Mini school

Kindergarten

Pre-preschool

Preschool

Goals: Teach children a new song, imply their creative and singing talents, teacher them how to combine the new learning topic and emotions.

Materials used: Super Simple Songs (youtube.com)

Let's Take a Picture You and Me <https://www.youtube.com/watch?v=OBSx0laWFZk>

Let's take a picture, you and me.

Look at the camera: 1, 2, 3.

Let's take a picture, you and me.

Look at the camera. Say, "Cheese!"

Okay...let's make a happy face.

Ready?

Cheese!

Let's take a picture, you and me.

Look at the camera: 1, 2, 3

Let's take a picture, you and me.

Look at the camera. Say, "Cheese!"

Okay, okay. This time, let's make a funny face.

Ready?

Let's take a picture, you and me.

Look at the camera: 1, 2, 3

Let's take a picture, you and me.
Look at the camera. Say, "Cheese!"

*Okay, okay. This time, let's make a scary monster face.
Ready? Grrrrrr...
Huh? Ohhhh!*

Let's a picture.
You and me.
1, 2, 3.
Say, "Cheese!"

My Computer

Level Preschool

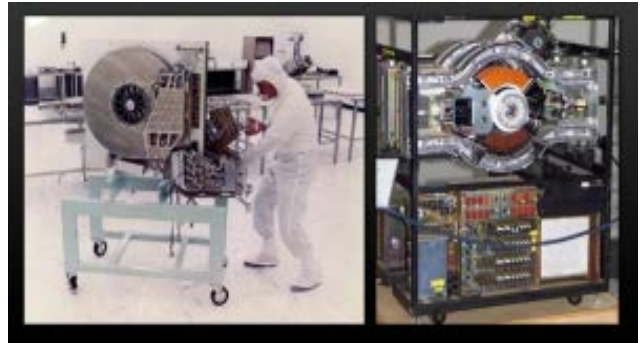
Goals: Get children acquainted with another modern technology, improving their listening skills, critical thinking and visual memory.

Materials used: Encyclopedia, books, flashcards, memo cards, videos, interactive board, coolkidsfacts.com

During the circle time the teacher will mention to ~~her~~the little Bambinoes some facts about the invention of computer and ~~she~~—will also use the interactive board to show a video <https://www.youtube.com/watch?v=RmbFJq2jADY>. Children will also be shown flashcards which they will have to analyze and discuss about them.

So, let us start!

In 1833 a man by the name of Charles Babbage invented all the parts that are now used for a modern computer. But it was only 120 years later that the first 'modern' computers were invented. Konrad Zuse was the inventor of the first computer in the world in 1936 and he named it the Z1 and in 1939, he created the Z2 as the first **electro-mechanical** computer in the world.



So this is how computers were born, and these early computers were made in the 1940s and were around the size of a large room and they used heaps of electricity.

Can you imagine having a computer the size of a large room? How would you be able to sit in front of it? Computers as we know them today only really started being made in 1980.

It was a whopping US\$40,000 with the weight of 550 pounds (almost 227kg). How on Earth did they move it? Moreover, it is crazy but the first computer mouse was made of wood.



My Laptop/ Computer Craft

Level Preschool

Goals: Make children use the computer's keyboard by writing the alphabet letters, developing creative, gross/fine motor skills along with typing skills, attention training.

Materials used: Cardboard, paper, colored paper, computer, pencils, markers, scissors, glue.



Before starting the process the teacher will help their children to gather all the necessary materials and ~~she~~ will do the same craft with kids, thus, motivating them to repeat and listen carefully how to manage the task.

Firstly, our little Bambinoes will take a piece of cardboard and will trace a shape of rectangle, cut it and folded into two. Secondly, they will have the opportunity to choose: either to type the letters or to write them and cut them into small squares. Thirdly, they will take a colored paper and stick the letters on it. While doing this they will have a computer in front of them and they will have to put those letters the same way they are on computer's keyboard, as this will serve a good attention training exercise. Thirdly, on the other half the paper they will draw what they wish by choosing any color they want and decorate the way they imagine it.

To conclude we would like to highlight the fact that there are so many technologies nowadays we could teach about to our kids: the **TV**, the **fridge**, the **oven**, the **cooker**, the **washing machine**, the **dishwasher**, the **vacuum cleaner** and one of the most important – the invention of the **light bulb**, etc. That is why, besides, this presented sample of our methodology, every teacher at our kindergarten is free to present to his children any type of technology and adapt it according to their level.

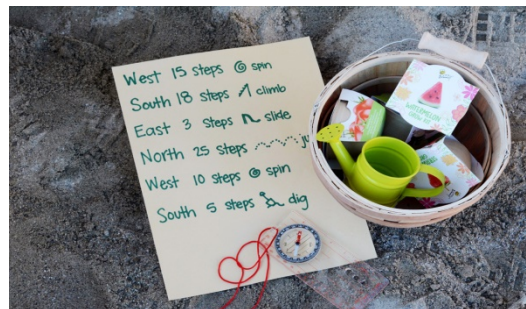
They could use those activities at a workshops or any other occasion and make it unforgettable and a valuable educational form of a game.

Some games related to our topic are:

1. The Telephone Game



2. Outdoor Compass Treasure Hunt



And there are many other games that our teachers will use to motivate our children and make their lesson fun and fantastic.

Worksheets

In Bambino we are at the multicultural theme called “Bambino in the World of Technology”. Thus, with the help of a graphic designer we prepared worksheets according to this topic. Such worksheets may be used for the pre-preschool and preschool children as they would work on them individually or in groups.

The following worksheets are a very good method to check children knowledge and how much they had taken from the activities they had. They may also ask questions and learn even more as life (especially at the kindergarten) is a continuous source of knowledge.

Please see below the attached worksheet.

BAMBINO IN THE WORLD OF TECHNOLOGY

Try to count how many tractors are hidden in the picture.

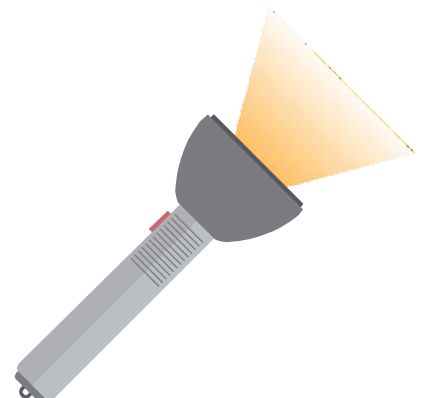
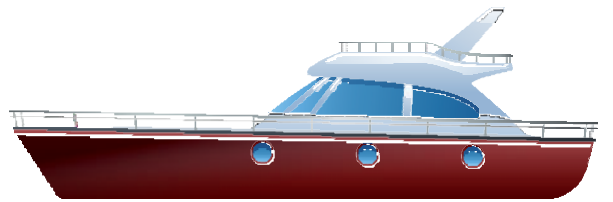
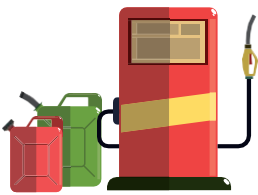
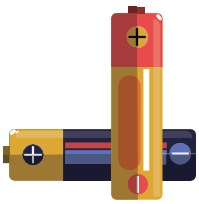
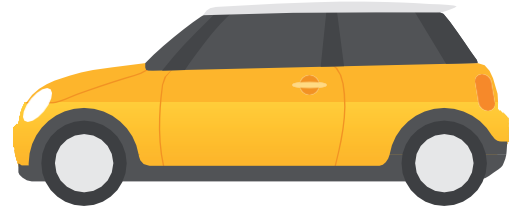
Where can we see a working tractor most frequently?

It is a great helper; can you tell us, what can we use tractors for?



BAMBINO IN THE WORLD OF TECHNOLOGY

Use a line for coupling every two pictures belonging to one another.

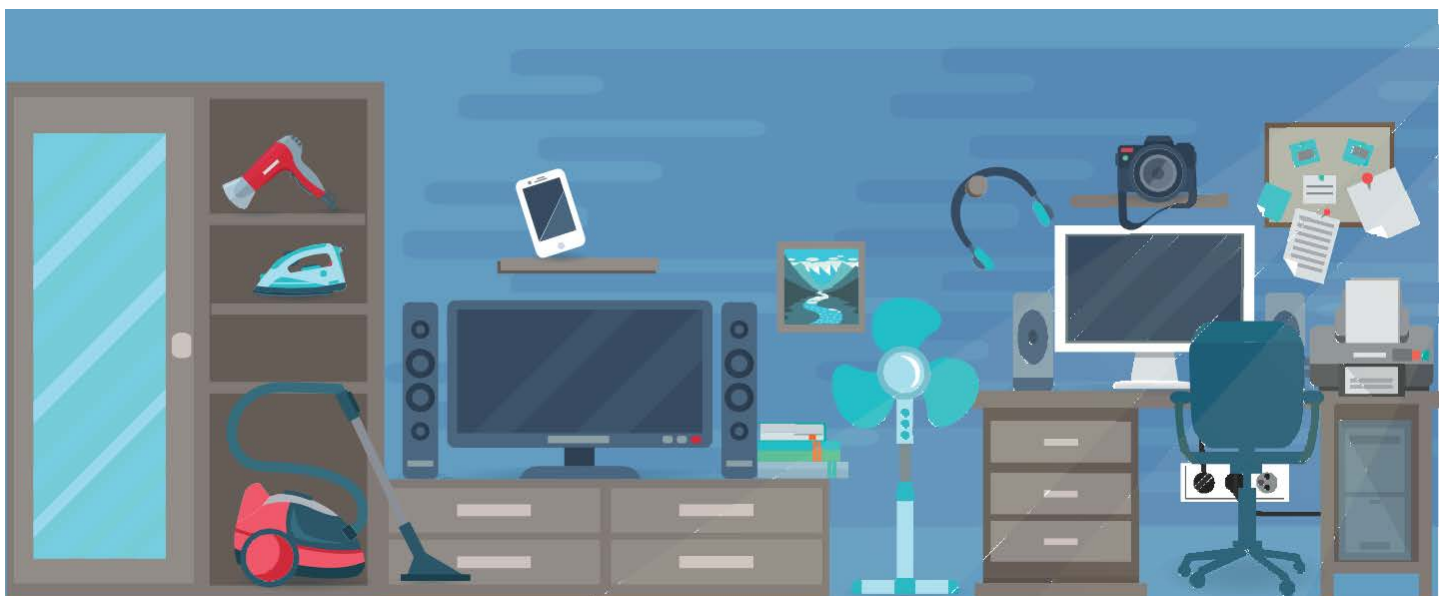


BAMBINO IN THE WORLD OF TECHNOLOGY

It does not seem so on the face of it, but all of us have a lot of technological helpers at home. They are usually power-operated. Please, circle them and describe what are their names and how do they help us.



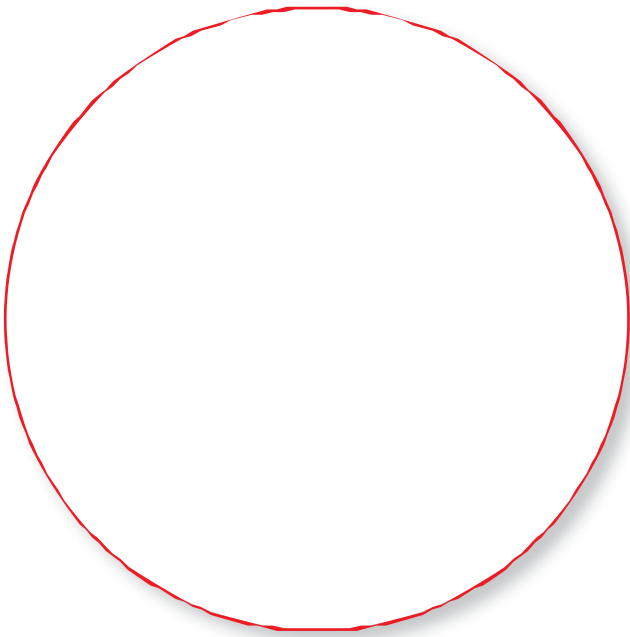
There are also modern conveniences in the parents' room that make our life more comfortable and easier. Which ones are used by your mum more frequently? Which ones are used by your daddy? And which ones are you allowed to use?



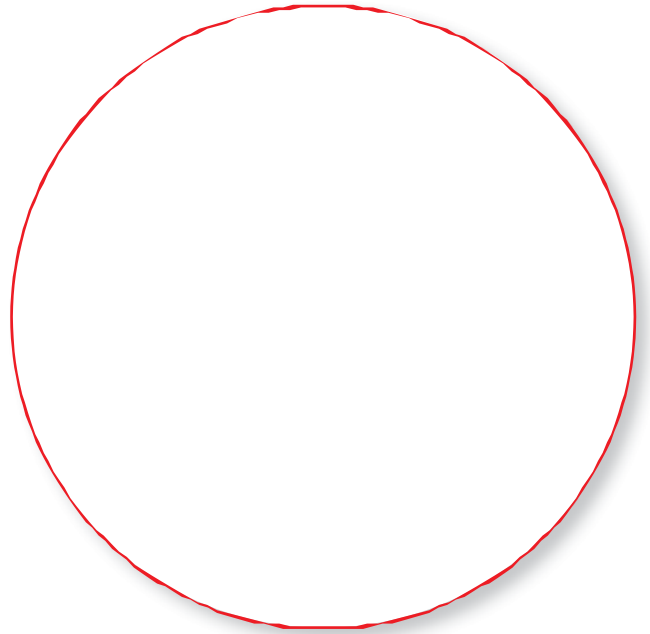
BAMBINO IN THE WORLD OF TECHNOLOGY

By adding the details, make images of the following items. How do they help us?
In your opinion, which items could people survive without easily?

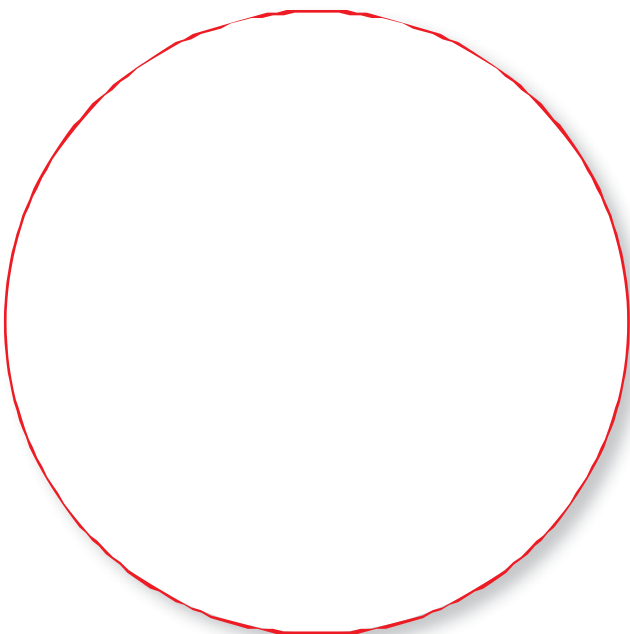
watch



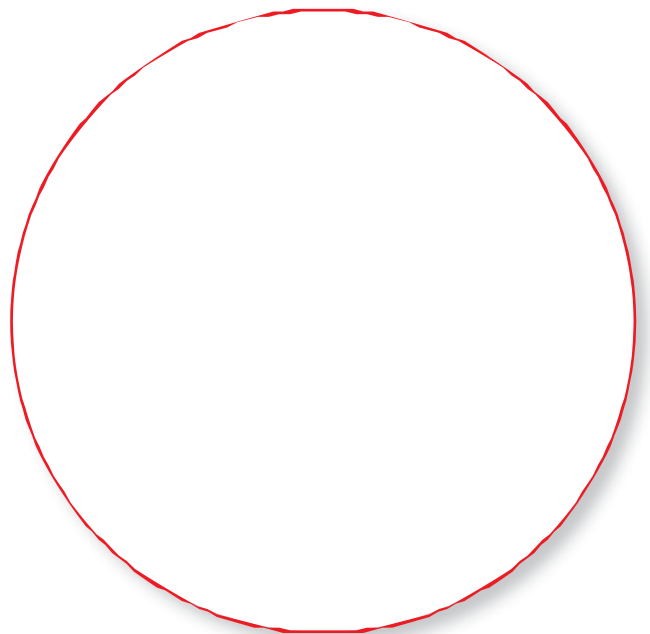
fan



car wheel



compass



BAMBINO IN THE WORLD OF TECHNOLOGY

Various gearwheels and cogwheels are often used for transmitting power (energy). one wheel is used for turning another one and another one... They are surely familiar to you from some toys or your bike or your watch. Find two identical cogwheels in the picture, please.



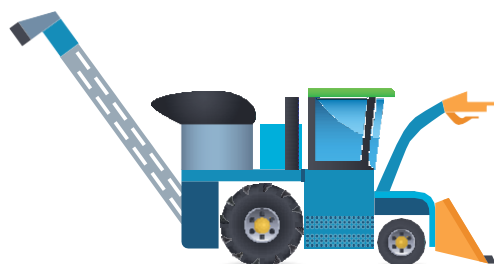
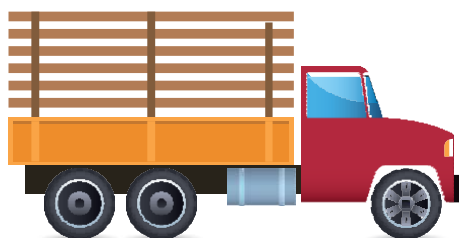
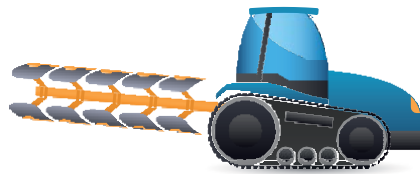
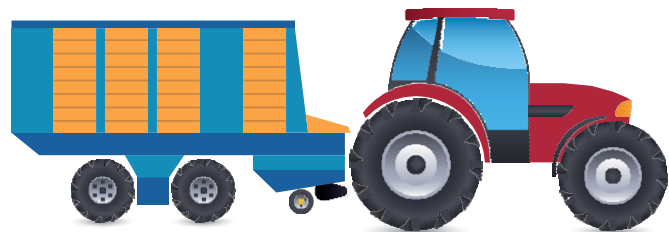
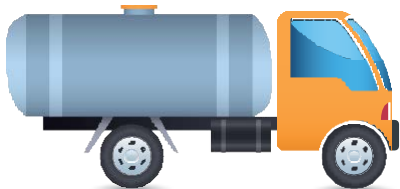
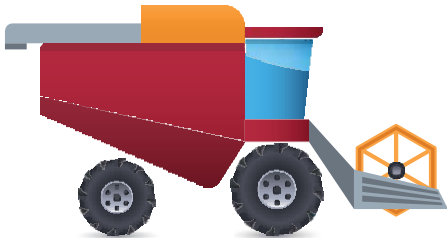
What do you think, in which of the following items can you find some gearwheels? Circle them, please.

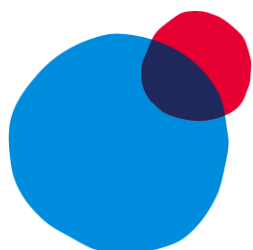


BAMBINO IN THE WORLD OF TECHNOLOGY

My daddy works as an agricultural vehicles driver. Can you say upon this hint, what vehicle does he drive?

1. His vehicle has no trailer
2. The rear wheel of his vehicle is not bigger
3. He does not carry tank
4. It is neither a truck nor a car (pick-up).





Bambino

Jedinečné mezinárodní školky a jesle v Dejvicích a na Vinohradech.

www.skolkabambino.cz ■ facebook.com/skolkabambino