

School in the past

VS.

School today

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History

- Compulsory education in the Czech lands and in Slovakia has begun in 1774, idea of Marie Terezie.



School in the past: Nursery schools and kindergardens

- *Nursery schools:* up to 3 years
- *Kindergardens:* 3-6 years



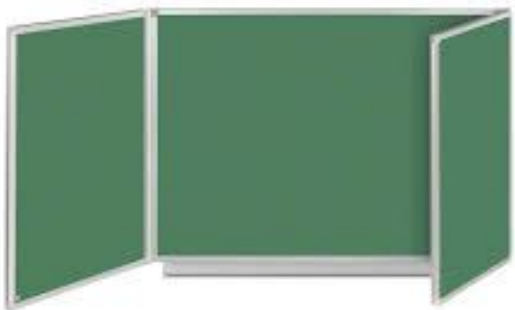
Nursery schools & kindergartens

- **Nursery schools** – up to 3 years
 - **Kindergartens** – 3-6 years
- Provide day-care for pre-school children.
During the day they play, learn songs, poems, riddles and tongues twisters.
- Both schools are voluntary.



Primary schools in the past

- Teachers wrote on green boards with white chalks
- Compulsory education was 9 years
- Kids didn't have ICT and RE



$\frac{1}{f} = \frac{1}{u} + \frac{1}{v}$
 $\frac{1}{f} = \frac{1}{\infty} + \frac{1}{v}$
 $\frac{1}{f} = \frac{1}{v}$
 $v = f$

For a convex lens, when the object is placed at the focal point, the image is formed at infinity.

$\frac{1}{f} = \frac{1}{u} + \frac{1}{v}$
 $\frac{1}{f} = \frac{1}{u} + \frac{1}{\infty}$
 $\frac{1}{f} = \frac{1}{u}$
 $u = f$

For a concave lens, when the object is placed at the focal point, the image is formed at the same point as the object.

$\frac{1}{f} = \frac{1}{u} + \frac{1}{v}$
 $\frac{1}{f} = \frac{1}{u} + \frac{1}{u}$
 $\frac{1}{f} = \frac{2}{u}$
 $u = 2f$

For a concave lens, when the object is placed at twice the focal length, the image is formed at the same point as the object.

$\frac{1}{f} = \frac{1}{u} + \frac{1}{v}$
 $\frac{1}{f} = \frac{1}{2f} + \frac{1}{v}$
 $\frac{1}{f} - \frac{1}{2f} = \frac{1}{v}$
 $\frac{1}{2f} = \frac{1}{v}$
 $v = 2f$

For a concave lens, when the object is placed at twice the focal length, the image is formed at twice the focal length.

$\frac{1}{f} = \frac{1}{u} + \frac{1}{v}$
 $\frac{1}{f} = \frac{1}{2f} + \frac{1}{2f}$
 $\frac{1}{f} = \frac{2}{2f}$
 $\frac{1}{f} = \frac{1}{f}$

For a concave lens, when the object is placed at twice the focal length, the image is formed at twice the focal length.

Light rays parallel to the principal axis converge at the focal point.

$\frac{1}{f} = \frac{1}{u} + \frac{1}{v}$

A diagram showing a convex lens with an object placed at the focal point. The image is formed at infinity.

A diagram showing a convex lens with an object placed at twice the focal length. The image is formed at twice the focal length.

A diagram showing a convex lens with an object placed between the focal point and twice the focal length. The image is formed between the focal point and twice the focal length.

A diagram showing a convex lens with an object placed between the focal point and the lens. The image is formed on the same side as the object.

A diagram showing a concave lens with an object placed at the focal point. The image is formed at the same point as the object.

A diagram showing a concave lens with an object placed at twice the focal length. The image is formed at twice the focal length.

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Primary schools today

- Today there are in Slovakia schools owned by the state, also church owned schools and private schools.
- Slovakia has 10 years of compulsory education.



Primary schools today

Children start primary school at 6 years. Compulsory education is from 6 to 16 years.

Primary schools have two levels:

- 1st level are grades 1 to 4 (age 6-10)
- 2nd level are grades 5 to 9 (age 10-15)

- School starts at about 8 am. Children have 20-30 lessons per week. Lessons take 45 minutes + breaks (5-10mins).
- Subjects at primary schools include: Slovak language, foreign languages (at least English, then it can be German, French, Italian, Spanish...), Maths, Biology, Chemistry, Physics, ICT, Geography, History, Music, Arts, RE, PE...
- School year takes 10 months from 1 September to 31 June when children get their reports





- **Summer holidays** - from the beginning of July to the end of August
- **Autumn holidays** – end of October
- **Christmas holidays** – about 2 weeks starting on 23rd December
- **Half-term holidays** – beginning of February (1 day)
- **Spring holidays** – one week at the end of February/beginning of March
- **Easter holidays** – mid-April

Our school in the past



Teachers from our school in the past



Our school today





Základná škola

Park Angelinum 8



• **Thanks for watching!!!!!!**

