

Active learning strategy as a factor of enhancing lesson efficiency at “Informatics in English”

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Hypothesis:

Using of active learning strategies in teaching the elective course "Informatics in English" for 7th grade students will increase the effectiveness of the lesson.



Target:

to find out whether the use of active learning strategies in teaching informatics in English will really improve the effectiveness of the lesson.



- ✓ How to make every lesson interesting, fascinating and ensure that it develops the students' cognitive interest, creative and mental activity?
- ✓ What strategies of active learning are more effective for studying informatics in English?
- ✓ How does the review at the end of the lesson affect the quality of teaching?



Strategy:

- Necessary subject vocabulary
- Discussion and feedback techniques
- Emphasis
- Visual support
- Phrases to attract attention
- Speech organization (connecting phrases and other markers)



Strategy:

- Brainstorming
- Presentations to demonstrate new words, backed up by image, transcription and translation
- Picture glossary
- Co-creation of documents on the Google platform (presentations, a text documents).
- A variety of crosswords, puzzles
- Games to test the retention of words(Kim.games, loto)



Gradual introduction of English

I
quarter

- Terminology
- Cards

25%

II
quarter

- Cards
- Phrases used in the lesson

50%

III
quarter

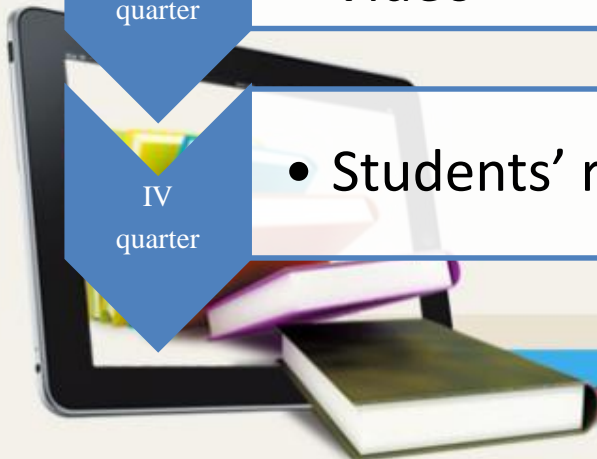
- Audio
- Video

65%

IV
quarter

- Students' reasoning

71%



Lesson's stages

Challenge

- Search Word
- Make a sentence

Comprehension

- Watching video
- Find a mistake and fix it
- Preparing a poster at Padlet.com
- Slide preparation
- Web-pages creation
- Website development

Review

- Reception “Table with a hole”
- Tic-tac-toe
- Kahoot test
- Plickers test



Word search

+ + + + + + + + + + + + + +
+ + + + + + + + + + + + P +
+ + + + + + + E + + + + + R +
+ + + + + + + S + + + + + I +
+ + + + K + + U + + + + + N +
+ + + + + E + O M + + + + T +
+ + + + + Y M + E + + + E
+ + + + + + B + + D S + R
R O T I N O M + O + C O + +
P R O J E C T O R A + + M +
+ + + + + + + N + R + + +
+ + + + + + + N + + + D + +
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+ + + + + R + + + + + + +
+ + + + + + + + + + + + +

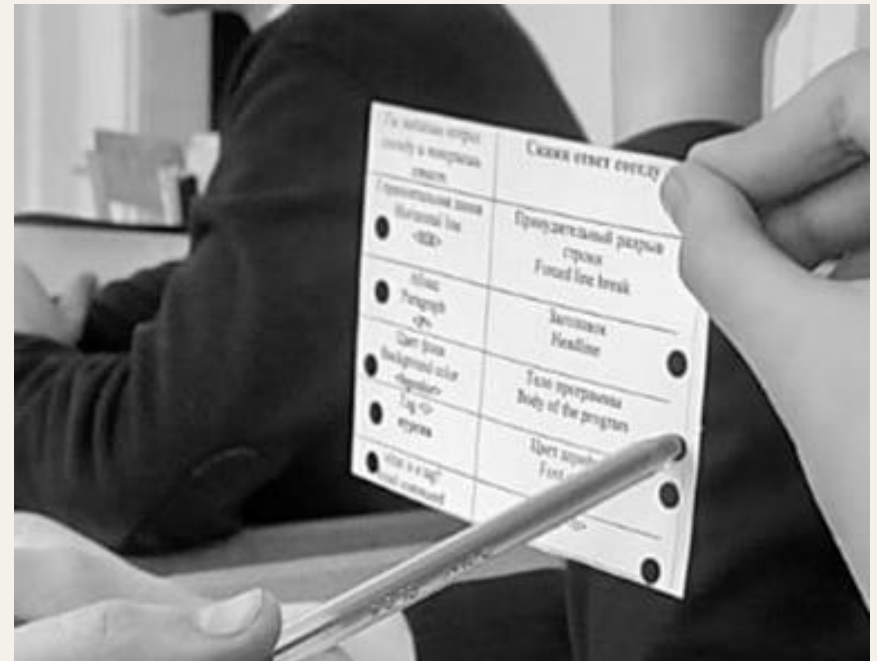
Computer devices

M Y O B E Y K D E H K B X D I
J C K I I Q U K U L V W P P R
L G Y F J J I E G D P I L R G
M C X O Q V V S W P I C W I N
I G E J K N S U Y Z E F F N E
Y M B U S E I O M O S A O T H
F P V Y L Y Y M Z E C M O E E
O B B C Q J U B K U D S B R L
R O T I N O M I O N C O R I S
P R O J E C T O R A O E M J H
D T T Y V Y T P N F R X O B F
C U G I A T R N I G K D D H W
F O L C P L E W Y H C W I F K
B N J V L R R F O T P D Y E V
H H D B K T P Q I M G J H F H



Table with a hole

| Ты задаешь вопрос соседу и поверяешь ответ. | Скажи ответ соседу |
|---|---|
| Горизонтальная линия
Horizontal line
<HR> | Принудительный разрыв строки
Forced line break |
| Абзац
Paragraph
<P> | Заголовок
Headline |
| Цвет фона
Background color
<bgcolor> | Тело программы
Body of the program |
| Tag <i>
курсив | Цвет шрифта
Font color |
| what is a tag?
html command | Tag |



Tic-tac-toe

Tag ``

Which tag sets the table?

~~Tag `<A>`~~

~~Tag ``~~

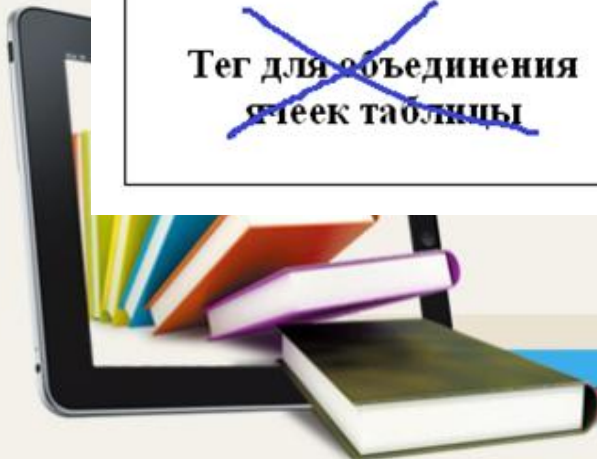
~~Who invented the language of HTML?~~

IMG tag attributes

~~Тег для объединения ячеек таблицы~~

Какие форматы графических файлов «понимают» браузеры?

Тег для перехода на другой документ



Activity Sheets

1. Find words that you can see in the block. Words can be horizontally, vertically, diagonally, from left to right or from right to left, from bottom to top or from top to bottom.

Computer devices

M Y O B E Y K D E H K B X D I
 J C K I I Q U K U L V W P P R
 L G Y F J J I E G D P I L R G
 M C X O Q V V S W P I C W I N
 I G E J K N S U Y Z E F F N E
 Y M B U S E I O M O S A O T H
 F P V Y L Y Y M Z E C M O E E
 O B B C Q J U B K U D S B R L
 R O T I N O M I O N C O R I S
 P R O J E C T O R A O E M J H
 D T T Y V Y T P N F R X O B F
 C U G I A T R N I G K D D H W
 F O L C P L E W Y H C W I F K
 B N J V L R R F O T P D Y E V
 H X D B K T P Q I M G J H F H

KEYBOARD
 MODEM
 MONITOR
 MOUSE
 PRINTER
 PROJECTOR
 SCANNER

2. Match the words with the translation

- | | |
|----------------------|----------------------------|
| ▶ Laptop | A. Беспроводной роутер |
| ▶ Tablet computer | B. Ноутбук |
| ▶ Wireless router | C. Папка |
| ▶ Website | D. Сеть |
| ▶ Broadband Internet | E. Планшет |
| ▶ Wireless Internet | F. Сайт |
| ▶ File | G. Документ |
| ▶ Folder | H. Беспроводной интернет |
| ▶ Network | I. Широкополосной интернет |
| ▶ Document | 1. Файл |

3. We use the Internet for almost all parts of our lives, such as social networks and online banking. Can you think of others everyday things people use computers for? Try to come up at least three examples and write them down here:

Why Internet?

| | |
|--|--|
| | |
| | |
| | |

Put a tick next to any of your examples above which you think might need you to use Internet.

Glossary:

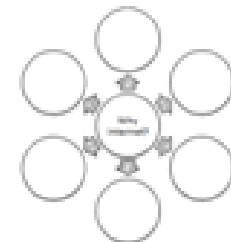
Almost - почти
 such as - такие как
 social network - социальная сеть
 online banking - онлайн банкинг

4. Make a note in the *Fliperz* application or cluster in the MS Power Point application.

Why Internet?

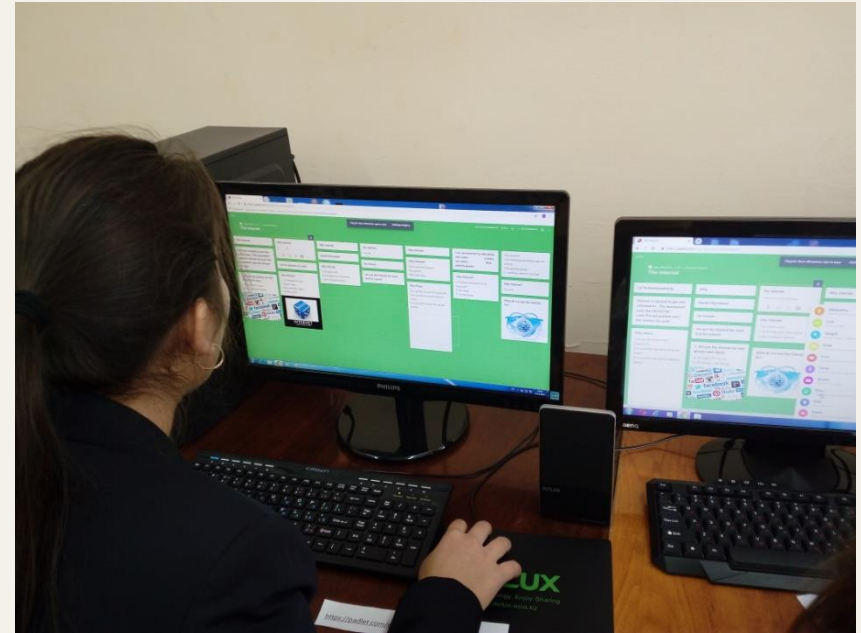
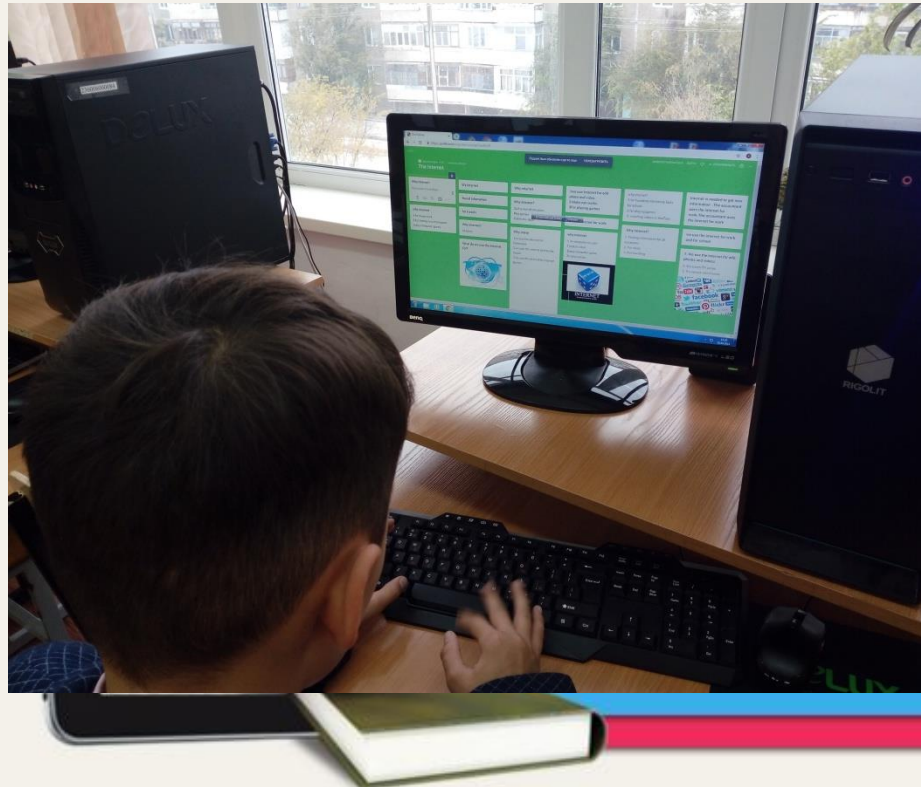
1. _____
2. _____
3. _____

Add an image



Use of Internet resources and mobile applications

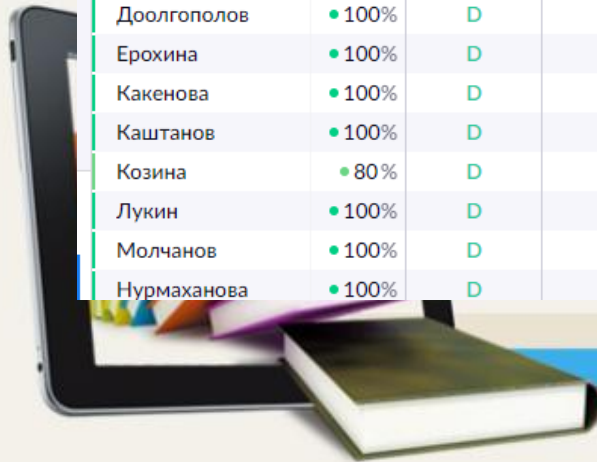
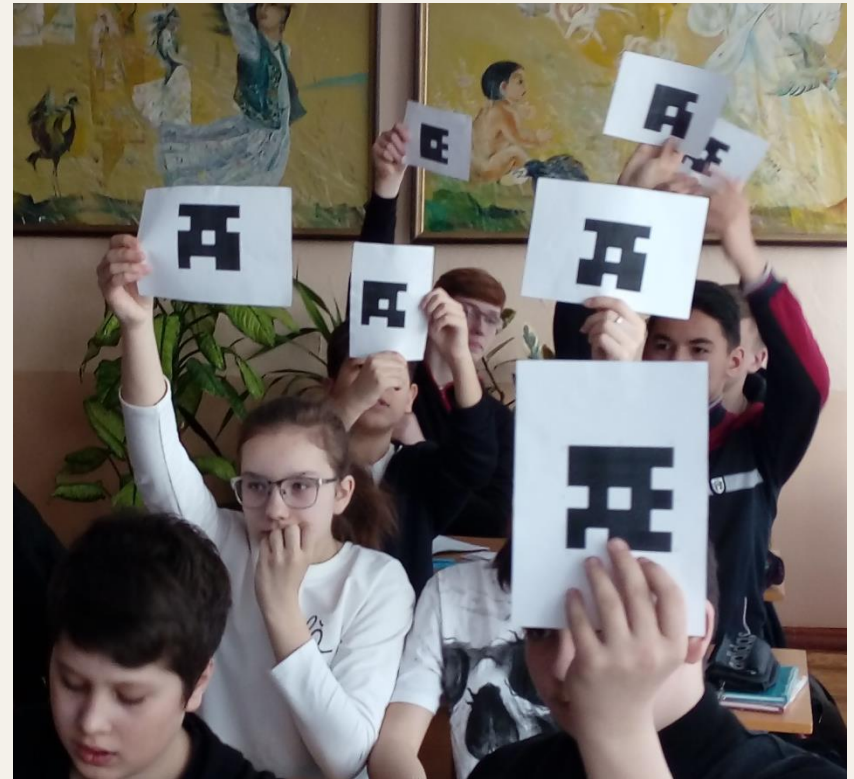
Padlet.com



Use of Internet resources and mobile applications

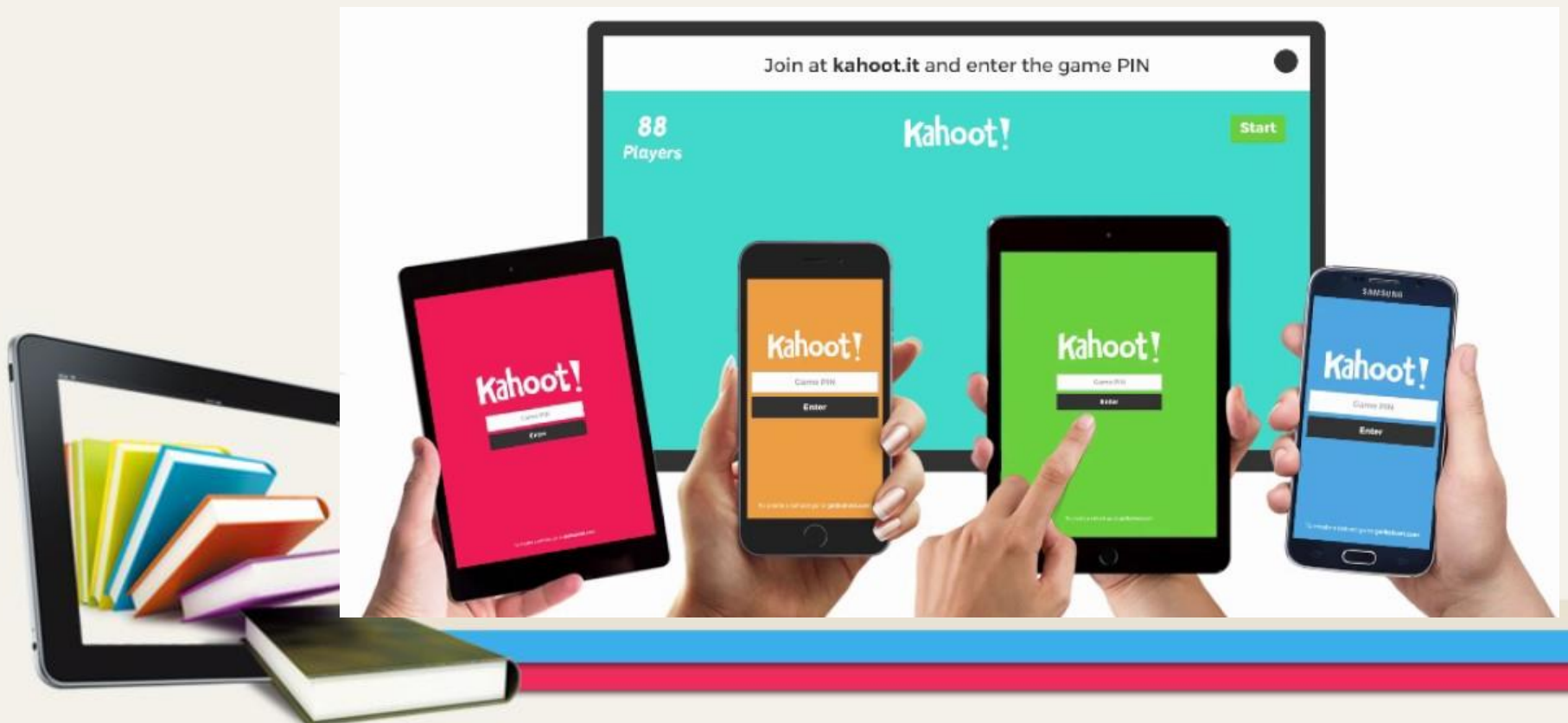
Plickers.com

| Class Average | ● 96% | 100% | 100% | 88% | 100% |
|--------------------|--------|------|------|-----|------|
| Анищенко | ● 100% | D | C | B | A |
| Байсалбаев | ● 100% | D | C | B | A |
| Билоконь | ● 80% | D | C | B | A |
| Болобанова-Голо... | ● 60% | D | C | C | A |
| Болобашина | ● 80% | D | C | A | A |
| Джолдасов | ● 100% | D | C | B | A |
| Доолгополов | ● 100% | D | C | B | A |
| Ерохина | ● 100% | D | C | B | A |
| Какенова | ● 100% | D | C | B | A |
| Каштанов | ● 100% | D | C | B | A |
| Козина | ● 80% | D | C | C | A |
| Лукин | ● 100% | D | C | B | A |
| Молчанов | ● 100% | D | C | B | A |
| Нурмаханова | ● 100% | D | C | B | A |

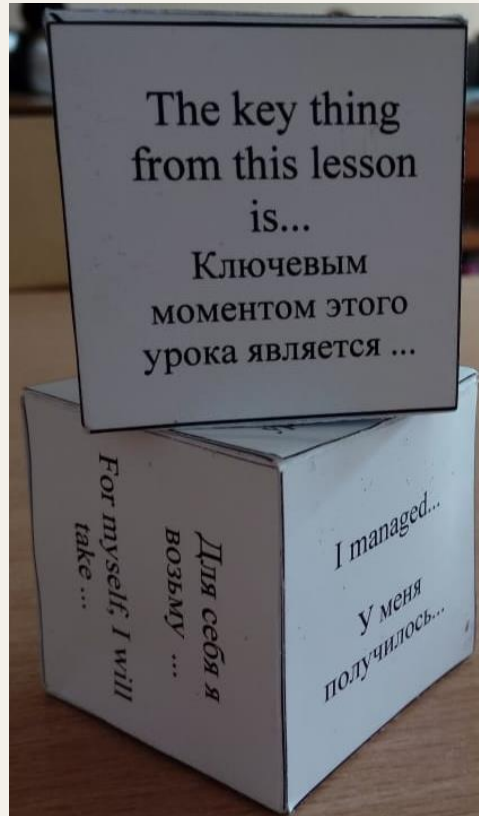


Use of Internet resources and mobile applications

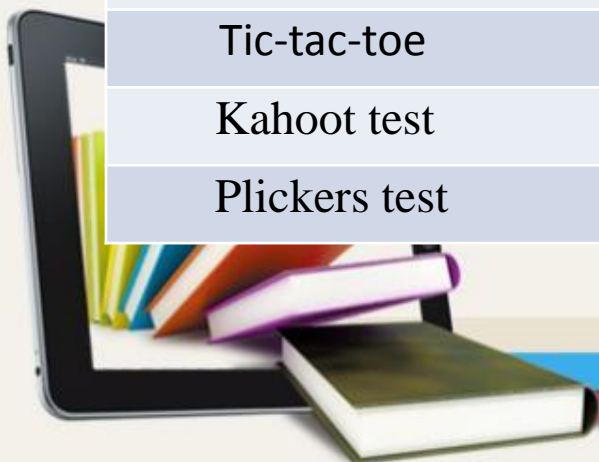
Kahoot!



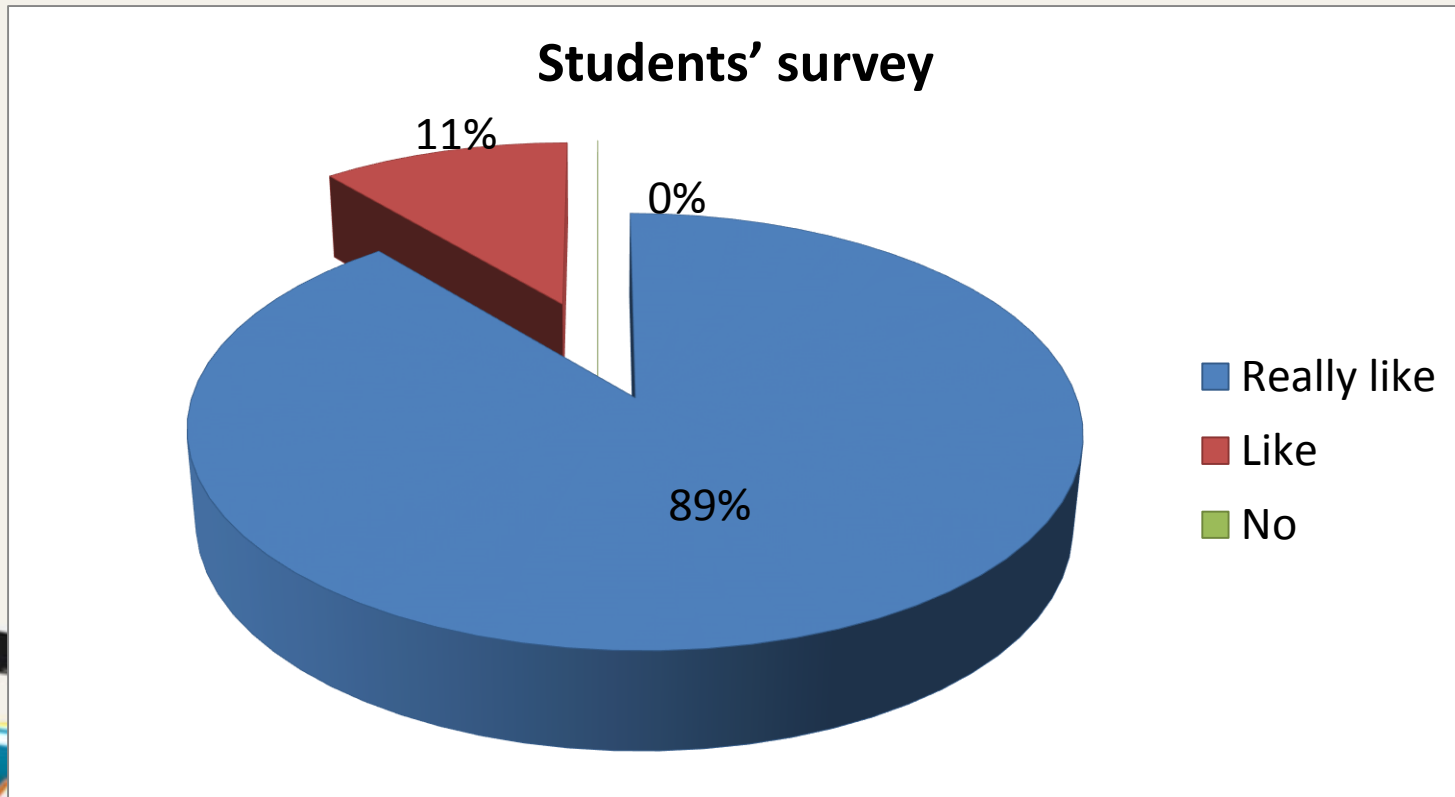
Review cube



| Active learning strategy | Quality |
|--|---------|
| Search Word | 90% |
| Make a sentence | 88% |
| Watching video | 45% |
| Watching video with filling on the table | 75% |
| Find a mistake and fix it | 70% |
| Preparing a poster at Padlet.com | 100% |
| Slide preparation | 100% |
| Web-pages creation | 85% |
| Website development | 83% |
| Reception “Table with a hole” | 95% |
| Tic-tac-toe | 87% |
| Kahoot test | 85% |
| Plickers test | 84% |



Students' attitude to the course of "Informatics in English"



- ✓ **Active learning strategies improve lesson's efficiency**
- ✓ **Active learning strategies make it possible to make each lesson interesting, fascinating and to ensure that it develops students' cognitive interest and creative mental activity**
- ✓ **The review at the end of the lesson enhances students' self-esteem**

