

BERNOULLI COLÉGIO E PRÉ-VESTIBULAR



http://www.colegiobernoulli.com.br/bernoulli_resolve/

Read the text below:

Learning with the Internet

The Internet is a complex repository containing a huge maze of information from a variety of sources. The Internet wave has hit the educational landscape in many big ways. The issue is how to effectively employ such technologies and harness fully the new opportunities created by them to promote positive student learning experiences. Though offering a myriad of pedagogical benefits, there are also a number of caveats that educators need to bear in mind in their attempts to employ the Internet as a teaching aid. Students often go straight to the Web without waiting for guidance from a teacher or librarian. This results in students having a difficult time navigating the Web and locating appropriate information relevant to the tasks in their homework.

Computing researchers posit that the Internet provides the following three basic types of tools in the educational domain:

- Tools for inquiry;
- Tools for communication;
- Tools for construction.

In providing tools for inquiry, the Internet facilitates finding sources of information appropriate to a task, working to understand the information resources and how they relate to the task, and if possible applying this understanding in a productive way. The Internet enhances students' knowledge acquisition by facilitating students' access to resources from the outside world including experts in the field, as well as interacting directly with them. Thus exposure to real life contexts of the external world trains the students to face the uncertainties of the ever-changing outside world.

In providing tools for communication, the Internet is a remarkable tool for rapid communication. Such communication can be both synchronous and asynchronous and takes on many forms such as e-mail, mailing lists, newsgroups, chat and videoconferencing. Such interaction involves communication with students and professionals in distant places, cultures and traditions as well as facilitating teachers to be in touch with other teachers.

In providing tools for construction, the Internet promotes learning by offering varieties of authentic learning activities for students. Through these activities the Internet also supports the development of students' higher-order thinking skills. For example, students are able to demonstrate their conceptual understanding by constructing products such as web pages. In these activities learners regulate their individual learning progress according to their own experiences and expertise. Learners can access many resources at their own pace and have meaningful interactions with the content information. For instructional activities, the Internet also has the added advantage of being adaptable for both individual and cooperative learning.

In conclusion, the Internet has been beneficial in the educational domain as a repository of very large amounts of rich information. However, one must bear in mind the fact that just not any piece of information found on the net can be accepted as being authentic.

©September 2004 New Horizons for Learning. Available at: <info@newhorizons.org>. Access on: May 16, 2011.

Based on the text, **COMPLETE** the boxes below with the information requested.

Two internet positive aspects (benefits)	
Two internet negative aspects (caveats)	
Two internet tools for inquiry	
Two internet tools for communication	
Two internet tools for construction	

RESOLUÇÃO:

Two internet positive aspects (benefits)	A)The Internet is a complex repository containing a huge maze of information from a variety of sources. B)The Internet wave has hit the educational landscape in many big ways.
Two internet negative aspects (caveats)	A)Students often go to the Web without waiting for guidance from a teacher or a librarian. B)Students have difficult time navigating the Web and locating appropriate information relevant to the tasks in their homework.
Two internet tools for inquiry	A)The Internet facilitates finding sources of information appropriate to a task, working to understand the information resources and how they relate to the task, applying the understanding in a productive way. B)The Internet enhances the students' knowledge acquisition by facilitating students' access to resources from the outside world.
Two internet tools for communication	A)The Internet is a remarkable tool for rapid communication. B)The Internet takes on many forms such as e-mail, mailing lists, newsgroups, chat and video-conferencing and they involve communication with students and professionals in distant places, cultures and traditions as well as facilitates teachers to be in contact with other teachers.
Two internet tools for construction	A)The Internet promotes learning by offering a variety of authentic learning activities for students. B)The Internet also supports the development of students' higher-order thinking skills.

Inglês – Questão 02

The text below is an article on opinion poll results about education and technology.

Read the text and **FILL IN** each blank with one or more word(s) that fit(s) the context appropriately.

You may also write Ø which means no word is obligatory.

The first two blanks have been done as examples for you.

What Should Students Know About Technology?

Americans clearly feel that it's important for students to be technologically literate and be able to apply what they know — long before they leave the hallowed halls of Ø learning. _____, educators might find it helpful to know which specific aspects of technology Americans are most likely to see as important.

A Gallup survey _____ for the International Technology Education Association earlier this year presented Americans with a list of five technology-related things that high school graduates might or might not know or be able to do. Then, respondents _____ to rate how important it is that high school students understand and be able to apply each of them.

Age and Technology

Age doesn't seem _____ play a role in the level of importance that Americans assign to students having the knowledge and skills to apply technology. However, older Americans are somewhat more likely than _____ Americans to emphasize the importance of several technological relationships. For example, 70% of Americans aged 50 and older feel that understanding the relationship between technology and the economy is very important, compared with 59% of 18- to 29-years-olds. Seventy-one percent of respondents 50 and older think that students _____ understand the relationship between technology and the environment before graduating _____ high school, while just 63% of younger adults in the 18 to 29 group feel that way.

Bottom Line

As the ITEA survey illustrates, adults also understand that _____ nor enough to put computers in the classrooms. Making certain that students are engaged with technology across all disciplines is paramount to _____ future growth and wellbeing _____ they join the global economy.

LYONS, Linda. Education and Youth Editor. Available at: <<http://www.gallup.com/poll/13273/What-Should-Students-Know-About-Technology.aspx>> Access on: May 12, 2011.

RESOLUÇÃO:

What Should Students Know About Technology?

Americans clearly feel that it's important for students to be technologically literate and be able to apply what they know — long before they leave the hallowed halls of learning. **However**, educators might find it helpful to know which specific aspects of technology Americans are most likely to see as important.

A Gallup survey **conducted / carried out** for the International Technology Education Association* earlier this year presented Americans with a list of five technology-related things that high school graduates might or might not know or be able to do. Then, respondents **were asked** to rate how important it is that high school students understand and be able to apply each of them.

Age and Technology

Age doesn't seem **to** play a role in the level of importance that Americans assign to students having the knowledge and skills to apply technology. However, older Americans are somewhat more likely than **younger** Americans to emphasize the importance of several technological relationships. For example, 70% of Americans aged 50 and older feel that understanding the relationship between technology and the economy is very important, compared with 59% of 18- to 29-year-olds. Seventy-one percent of respondents 50 and older think that students **should** understand the relationship between technology and the environment before graduating **from** high school, while just 63% of younger adults in the 18 to 29 group feel that way.

Bottom Line

As the ITEA survey illustrates, adults also understand that **it's** not enough to put computers in the classrooms. Making certain that students are engaged with technology across all disciplines is paramount to **their** future growth and wellbeing **as** they join the global economy.

Inglês – Questão 03

Read the information below about two cell phones to complete the conversation between Mary and Carl.

Lemon iPhone 4 White 32GB Unlocked GSM Cellular Phone US\$ 885,00

The Lemon iPhone 4 features video calling with FaceTime, a high-resolution display, HD video recording, a 5-megapixel camera, and more.

Availability:

In Stock – Ships in 24 to 48 Hours

Shipping: US\$ 29 Priority (1 to 2 Day Service)

US\$ 20 Economy (3 to 4 Day Service)

Condition: Brand New

Warranty:

1 Year PureMobile Warranty U1000 - US\$ 68



Internal Memory:	16/32 GB storage
Memory Card Slot:	No
Edge:	Yes
WiFi:	Yes
Built-in handsfree:	No
Talk Time:	Up to 14 hours (2G) / Up to 7 hours (3G)
Stand-by:	Up to 432 h (2G) / Up to 336 h (3G)
Form:	Candybar

Available at: <http://www.puremobile.com/Apple/Apple-iPhone-4-White-32GB-GSM-Phone>, Access on: May 12, 2011.

Cherry Torch 9800 Black AT&T Unlocked GSM Cellular Phone US\$510,00

New Cherry Torch 9800 Inspires & brings together your Cherry smartphone with a new touch, slide design & OS. See the new Cherry 9800 Slider iPhone in action.

Availability: In Stock – Ships in 24 to 48 Hours

Shipping: US\$ 29 Priority (1 to 2 Day Service)

US\$ 20 Economy (3 to 4 Day Service)

Condition: Brand New

Warranty:

1 Year PureMobile Warranty U650 - US\$ 54



Internal Memory:	4 GB storage, 512 MB RAM, 512 MB ROM
Memory Card Slot:	Yes
Edge:	Yes
WiFi:	Yes
Built-in handsfree:	No
Talk Time:	Up to 5 h 30 min (2G) / Up to 5 h 40 min (3G)
Stand-by:	Up to 300 hours (2G) / Up to 300 hours (3G)
Form:	Slider

Available at: < <http://www.puremobile.com/BlackBerry/BlackBerry-Torch-9800-Black-AT&T/>>, Access on: May 12, 2011.

Based on the information you have just read, **COMPLETE** the dialogue below. Make sure you read the full dialogue before writing the sentences.

MARY: Oh, now that my internet connection is working, let's check the info on the cell phones I was telling you about. You know I'm not good at new technology. Can you help me make a good decision?

CARL: (Compare the two products.)

MARY: You know I use the phone a lot, so I'd like to have a new cell that would allow me more talk time.

CARL: (Say which cell phone has the higher talk time.)

MARY: But the *Lemon iPhone* is much more expensive. I thought the *Cherry* would be a better deal.

CARL: (Indicate the *Lemon iPhone* features that you believe are superior.)

MARY: (Agree with Carl suggestion but discuss the difference in prices.)

CARL: You are right. My brother just bought a *Cherry Torch* and loves it.

MARY: (Thank Carl for the suggestions and say goodbye.)

CARL: (Say goodbye and invite Mary to come over to see the new laptop.)

MARY: (Accept the invitation.)

CARL: See you tomorrow. I'll be home after 6.

RESOLUÇÃO:

CARL: (Compare the two products.)

O tópico da questão pede aos alunos que, para completar o diálogo, comparem os dois produtos. Portanto, seria fundamental usar Comparativos e Superlativos para a elaboração da resposta.

SUGESTÃO: *First, I think you should assess your own needs. After, you should compare devices that are available. For instance, the Lemon iPhone 4 White 32GB and the Cherry Torch 9800 Black AT&T. The iPhone is more expensive than the Cherry Torch. However, it provides a larger storage space and its battery lasts longer.*

CARL: (Say which cell phone has the higher talk time.)

O aluno deveria citar de forma mais específica a maior duração da bateria do iPhone em comparação com Cherry Torch.

SUGESTÃO: *Taking your needs into account, iPhone batteries last more than Cherry Torch ones. They last 14 hours when using 2G against 5 hours and 30 minutes. It is a huge difference.*

CARL: (Indicate the *Lemon iPhone* features that you believe are superior.)

Resposta livre. Produção de texto.

SUGESTÃO: *I know that the Cherry Torch seems to be a better deal. But, as I have just told you the iPhone 4 has a 16/32 GB storage space compared with only 4 GB. Remember that it is easy to quickly fill up 4GB. Keep in mind that the actual usable space is less than 4GB as about 1 GB is reserved for the operating system.*

MARY: (Agree with Carl's suggestion but discuss the difference in prices.)

Resposta livre. Produção de texto.

SUGESTÃO: *I agree with. However, would you pay for a much more expensive device if you were in my shoes? Don't you think the Cherry Torch would suit my needs?*

MARY: (Thank Carl for the suggestions and say goodbye.)

Resposta livre. Produção de texto.

SUGESTÃO: *Thank you very much for your time, Carl. I have to go now. See you later.*

CARL: (Say goodbye and invite Mary to come over to see the new laptop.)

Resposta livre. Produção de texto.

SUGESTÃO: *Not at all. See you. Why don't you come over to see my new laptop?*

MARY: (Accept the invitation.)

Resposta livre. Produção de texto.

SUGESTÃO: *OK. I will pass by your house tomorrow.*

Inglês – Questão 04

Your grandparents who live in a small town away from you have recently bought a computer and do not know how to use the tools available through the internet.

WRITE a letter telling them about interesting activities that can be carried through the internet writing approximately **100 words**.

- Use the line below.
- **Do not** sign your text.

RESOLUÇÃO:

O aluno deveria produzir um texto no qual escrevesse uma carta para seus avós, citando, sugerindo e detalhando atividades interessantes que poderiam ser realizadas por meio da internet. Seria interessante levar em consideração o fato de os avós morarem em uma cidade pequena e distante. Era estritamente necessário seguir as instruções da questão, utilizando somente as linhas fornecidas e não assinando a carta.

Além disso, poderia utilizar os elementos citados no texto da questão 01 para facilitar a construção da sua carta.

Cursos que Indicamos

Conheça os cursos e dê o próximo passo na sua preparação.

Clique na imagem ou no botão para acessar.



Código Matemática 2.0

Conhecer o curso



Curso Preparatório ENEM

Conhecer o curso



Curso Preparatório Redação ENEM

Conhecer o curso

