

Listen here!

Why do teenagers leave their homework to the last minute?



This is not a word-for-word transcript

Tejali

Hello, ऐकलंत का? Listen Here मध्ये तुमचं स्वागत. बीबीसीच्या बातम्या तर आपण नेहमी ऐकतोच पण या मालिकेमध्ये या बातम्यांमधले शब्द आपण समजून घेणार आहोत. आणि यासाठी माझ्यासोबत आहे टॉम...

Tom

And I am Tom. Hi everyone! Today we re talking about teenagers, homework and the brain.

Tejali

तू लहानपणी वेळेवर गृहपाठ करायचास का?

Tom

Yeah I did, but, often **at the last minute**, which means as late as possible!

Tejali

पौगंडावस्थेतील मुलं गृहपाठ करायला कंटाळा करतात, अगदी शेवटच्या क्षणी गृहपाठाला बसतात. पण असं करण्यामागे मेंदूचं काही विज्ञान आहे का? ते आजच्या भागात समजून घेऊ.

Tom

And today 's guest is a **neuroscientist**, so get ready for some difficult vocabulary!

Tejali

A **neuroscientist** म्हणजे मेंदूशास्त्रज्ञ. आज बीबीसी रेडियो 4 वर *The Life Scientific* मध्ये सारा जेन ब्लॅकमोर आहेत. त्या मेंदूशास्त्रज्ञ आहेत. वाढत्या वयातील मुलांच्या **pre-frontal cortex** म्हणजे मेंदूच्या पुढच्या भागाचं बाह्यावरण याबद्दल त्या सांगतायत. काय घडतं मेंदूच्या या भागात? मेंदूच्या या भागाकडे कुठले tasks म्हणजे कुठल्या जबाबदाऱ्या दिलेल्या असतात याबद्दल त्या सांगतायत.

Insert

The pre-frontal cortex is the part of the brain right at the front, just behind the forehead. And it's involved in a whole range of very high-level cognitive tasks such as decision-making and planning. And we know that this region is undergoing very, very large amounts of development during the adolescent years. And so in terms of the expectations that we place on teenagers, to, for example, plan their homework, might be too much given that

we know that the region of the brain that's critically involved in planning is not developed yet.

Tom

So, unsurprisingly, the pre-frontal cortex is at the front of the brain, just behind the forehead.

Tejali

Correct. **Forehead** म्हणजे कपाळ. Head ला fore चा उपसर्ग लागला आहे. या **fore**चा अर्थ होतो पहिला किंवा पुढचा. Forehead म्हणजे डोक्याचा समोरचा भाग. Fore च्या वापराचं आणखी एक उदाहरण **forethought** म्हणजे पुढचा विचार.

Tom

Yeah. If we **give something some forethought**, it means we think first, or plan.

Tejali

आणि नियोजन आणि निर्णय घेणं हे मेंदूच्या या भागाचं मुख्य काम असतं. निर्णय घेणं म्हणजे **decision-making**. पण high-level सोबत तिने कुठलं विशेषण वापरलं?

Insert

The pre-frontal cortex is the part of the brain right at the front, just behind the forehead. And it's involved with a whole range of very high-level cognitive tasks such as decision-making and planning.

Tom

She used the word **cognitive**.

Tejali

Cognitive म्हणजे आकलनात्मक. हे मेंदूच्या मानसिक वर्तनाशी संबंधित असतं. Cognitive हे मेंदूच्या कामाचं वर्णन करणारं विशेषण आहे. Cognitive tasks म्हणजे मेंदूचे कार्य.

Tom

And she also used the expression **a whole range of cognitive** tasks.

Tejali

A whole range म्हणजे संपूर्ण श्रेणी, यात संपूर्ण प्रमाण आणि वैविध्य या दोन्हीचाही समावेश होतो,

Tom

Note that the presenter says tasks. I say tasks, and this is because of our different British accents. Both are fine, so use whichever one's easiest for you.

Tejali

मेंदू शास्त्रज्ञ adolescent years पौंगंडावस्थेतील मेंदूच्या वाढीबद्दल बोलतायत. **Expectations** म्हणजे

अपेक्षा आणि **development** म्हणजे विकास यांचा परस्परसंबंध काय आहे?

Insert

We know that this region is undergoing very, very large amounts of development during the adolescent years. And so in terms of the expectations that we place on teenagers, to, for example, plan their homework, might be too much given that we know that the region of the brain that's critically involved in planning is not developed yet.

Tom

Aha! So, in the last sentence she mentions that the area of the brain involved in planning isn't developed yet!

Tejali

That's right! मुलांकडून आपण जास्त अपेक्षा ठेवतो असं ती म्हणाली, पण हे सांगताना तिने कुठला शब्द वापरला? Might be too much यानंतर काय आहे ऐका.

...the expectations that we place on teenagers, to, for example, plan their homework, might be too much, **given that** we know that the region of the brain that's critically involved in planning is not developed yet.

Tom

Did you catch it? She said **given that**.

Tejali

Given that चा अर्थ होतो.... लक्षात घेता. एखादी गोष्ट लक्षात घेता.

Tom

So, **given that** we know that teenagers' brains are still developing, is it fair to expect them to be as good at planning as adults are? What do you think?

Tejali

Well, Tom, **given that** we're out of time, I don't think I can answer that question! Why not get in touch and tell us your opinion? Thanks for joining us! Bye!