

Os 8 Sistemas de Neurodesenvolvimento





5/L/108

5/L/140

EXIT



Mentes diferentes tem necessidades de
aprendizado diferentes...



Mentes diferentes tem necessidades de
aprendizado diferentes...



e todas elas
tem o direito
de ter as suas
necessidades
atendidas.

The image shows five towers of colorful wooden blocks stacked on a light-colored wooden base. From left to right, the towers are: 1. Blue: a trapezoid at the bottom, a cylinder, a sphere, a triangle, and a cross on top. 2. Green: a square at the bottom, a sphere, a trapezoid, a cylinder, and a cylinder on top. 3. Yellow: a cylinder at the bottom, a trapezoid, a cylinder, a square, and a cylinder on top. 4. Red: a trapezoid at the bottom, a sphere, a square, a hexagon, and a trapezoid on top. 5. Orange: a cylinder at the bottom, a cylinder, a trapezoid, a square, and a cylinder on top. The background is a blurred indoor setting with a colorful abstract painting on the wall.

Ordem Espacial




Entender informação apresentada visualmente

Criar produtos visuais

Organizar materiais e espaços



Interações Sociais



Saber sobre o que falar, quando, com quem e por quanto tempo

Trabalhar e brincar com outros de forma cooperativa

Nutrir relações positivas com pessoas influentes

A top-down view of a hand with purple paint on the fingers and wrist, resting on a white marble surface. The surface is covered with various paint splatters, including brown and purple. A paintbrush with a wooden handle and a metal ferrule is visible in the upper left, and a small glass jar of purple paint is in the upper right. The text 'Coordenação Motora' is centered in a white box over the hand.


Coordenação Motora



Usar grandes músculos de forma coordenada

Controlar os movimentos dos dedos e das mãos

Coordenar os músculos necessários para escrita

A film strip is shown in a curved, looping path. The frames of the film strip depict a beach scene with several people walking and playing. The film strip is set against a background of a bright, hazy sky. In the center of the film strip, the word "Memória" is written in a black, sans-serif font. The film strip has a white border with black sprocket holes. The overall color palette is warm and golden, suggesting a sunset or sunrise. The word "Memória" is centered horizontally and vertically within the frame of the film strip.

Memória



Recordar novas informações brevemente

Administrar informações diversas mentalmente
enquanto as usa para completar uma tarefa

Armazenar e acessar as informações armazenadas
posteriormente


Manipulação

Acesso

Entrada

Armazenamento



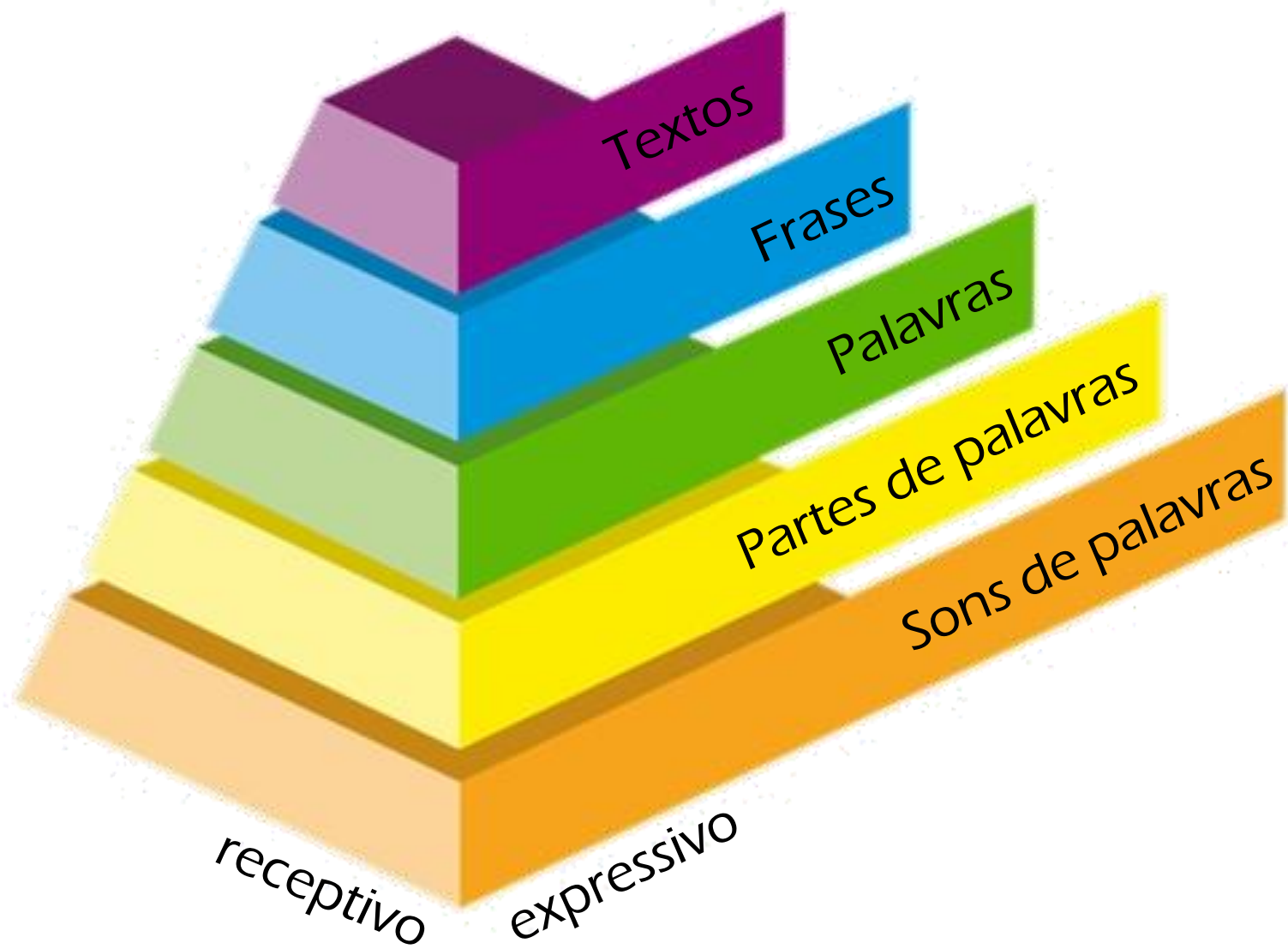
A wooden tray filled with various colored and sized wooden letters and numbers. The letters are in different colors like blue, brown, and white, and are scattered across the tray. A semi-transparent white box is overlaid in the center, containing the word "Linguagem".

Linguagem



Entender informações entregues de forma oral e escrita

Comunicar ideias oralmente e via escrita





LANGUAGE SYSTEM TEST

STUDENT:

VERBAL INSTRUCTION

Do a small circle around the 'X' that is farthest away from the small square.

A:

PHONEME AWARENESS

Tell me words that rhyme with BIKE: *like, spike, strike, unike, dislike*

A:

Tell me words that rhyme with STICK: *dick, brick, chick, lick, sick*

A:

What word would you get if you took away the 'r'?

A:

What word would you get if you took away the 'd'?

A:

What word would you get if you took away the 'y'?

A:

STUDENT:

LANGUAGE AT SENTENCE LEVEL

Construct a sentence using the words "walk", "road", and "until".

A:

LANGUAGE AT SYNTAX LEVEL

Jim thinks Tom is good at sports. Is Tom good at sports? "Maybe"

A:

It is usually safe to climb that mountain, although it's very dangerous in the fog. Will it be safe to climb the mountain tomorrow? "Maybe"

A:

Maybe the band would have played last night if the drummer hadn't quit. Did the band play last night? "No"

A:

INFERENCE

Mary and Susie love to play with each other every day after school. But each night just before they go to bed they keep arguing and fighting. How do Mary and Susie know each other? "They are probably sisters."

A:



Avaliação

THE NATURAL HISTORY MUSEUM

A blue whale's banquet

By Katie Pavlid

First published 30 June 2017

Blue whales are the heaviest animals on Earth, reaching up to 180 tonnes. And when you're that big, every meal matters.

A blue whale's main food source is provided by swarms of tiny crustaceans called krill. It can engulf millions of these in every mouthful.

All those krill make a blue whale's dinner the biggest banquet in the natural world, with no other animal able to eat so much in one go.

But opening such a huge mouth takes enormous effort, and scientists are still working to understand exactly how the whales make the exertion worth it.

A great lunge forward

Blue whales feed by lunging forward, opening their mouths.

Scientists are studying exactly how they open their mouths.

Research led by Oregon State University found the lunging behaviour and found it is about 10.8 kilometres per hour.

And the act of opening their mouth is about 1.8 miles per hour.

After quickly slowing down to eat, when you weigh 180 tonnes.

It means that blue whales only make a lunge that is large enough. They bypass them down unnecessarily.

Scientists have only recently been able to study the whales in the wild.

Richard explains, "Footage of the whales in the wild is important to researchers, highlighting what whales make before they commit to a lunge."

"More and more data are being collected, giving us an insight into how they do it."

"The study of museum research on whale populations, long-term research is needed to study the whale's behaviour and its evolution."

BBC

How cooking and cleaning transformed a violent man

27 November 2018

A grassroots intervention programme is trying to reduce domestic violence in Rwanda by teaching men how to do household chores, and a recent study has suggested it is having a positive effect on communities.

Muhoca Jean Pierre used to beat his wife. He saw her as someone he married to just have children and look after them.

"I was following the example of my father. My father would not do anything at home," he said. "If ever I came home and found something not done yet, I would abuse her. I would call her lazy, tell her she was useless and should go back to her parents' house."

But then something changed - he learnt how to cook and clean.

It was all part of a grassroots intervention programme in his village in Mwavire in Eastern Province, Rwanda, which encouraged men to take on domestic roles, including childcare.

Jean Pierre says the project, known as 'Bandeberaho', or role model in Kinyarwanda, helped transform his behaviour. He took part in classes which covered everything from cooking and cleaning to discussions on how to challenge traditional gender roles.

"They would ask us if a man can sweep the house, and we would say 'he can'," he said. "And then they would ask us: 'Who among you does that?' And there was no one."

(...) However, making the changes were not easy as Jean Pierre's friends discouraged him from doing household tasks, telling him: "No real man should cook".

(...) But Jean Pierre continued when he saw the benefits to his family. He says his children feel closer to him and his wife now runs a banana business that has allowed them to improve their home.

"The way my wife treats me now is different from the way she used to treat me," he said. "She used to treat me badly because I was mistreating her too, but now we discuss and agree on things to do. I have set her free, now she is working and I am working too, whereas before I was convinced she had to stay home and be available whenever I would need her."

(...) His wife said: "Sometimes I would feel like a mere worker, and then I would remember that a worker has a salary. I never thought a woman could ever have her own money, because I never even had time to think about any

Lendo por interesse

A hand holds a magnifying glass over a body of water. The lens of the magnifying glass is in sharp focus, showing a detailed view of a city skyline across the water. The background, outside the lens, is blurred, showing the same scene from a wider perspective. The text "Controle de Atenção" is overlaid on the magnified view.

Controle de Atenção



Manter o nível de energia mental para aprender e trabalhar

Absorver e filtrar informações que chegam

Monitorar a qualidade do trabalho acadêmico e comportamento

Direcionando input



Monitorando output

Combustível do cérebro

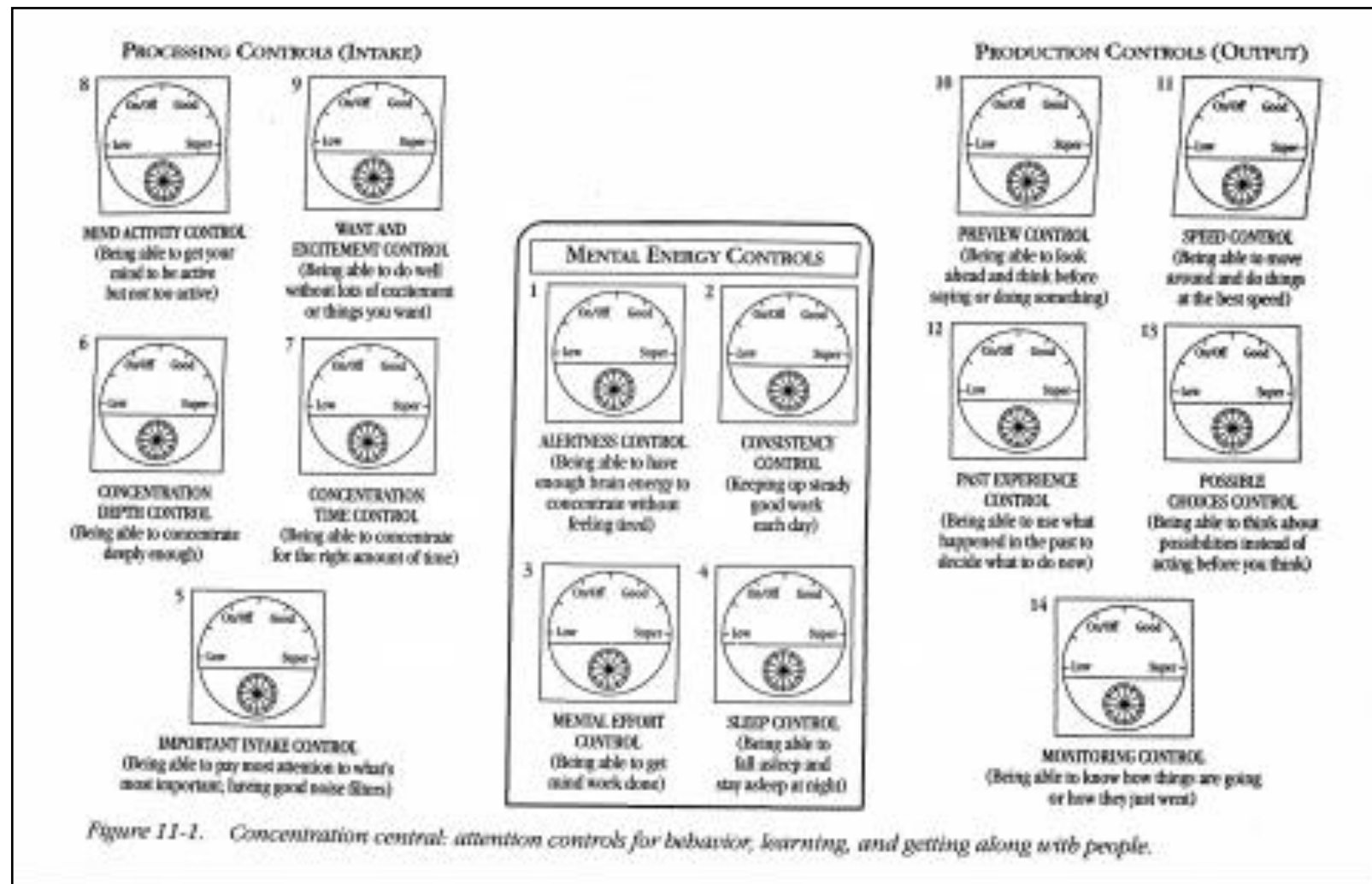


Figure 11-1. Concentration central: attention controls for behavior, learning, and getting along with people.

conhecimento | auto-avaliação | reagendar

A close-up photograph of a yellow pencil with a sharpened lead tip, resting on a white grid paper. The paper has faint numbers printed on it, including '18' and '19'. A semi-transparent white rectangular box is overlaid on the pencil tip, containing the text 'Ordem Sequencial'.

Ordem Sequencial

Entender a ordem de etapas, eventos ou outras sequências

Gerar produtos organizados numa ordem que faça sentido

Organizar o tempo e a agenda

Business growth

Pensamento de Alto Nível

growth

denMergers

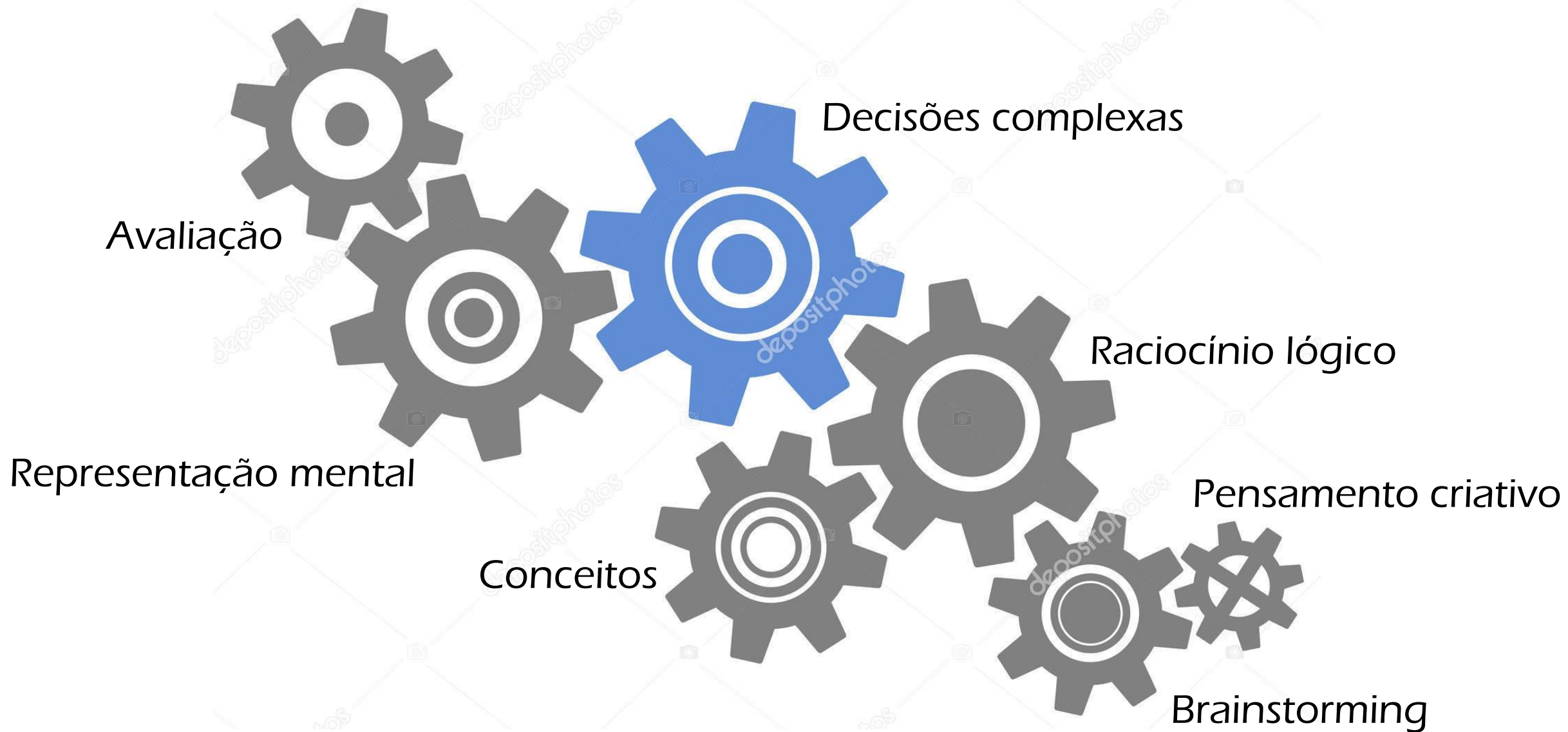




Entender conceitos

Gerar ideias originais

Usar lógica para lidar com problemas complexos





Subsistemas:

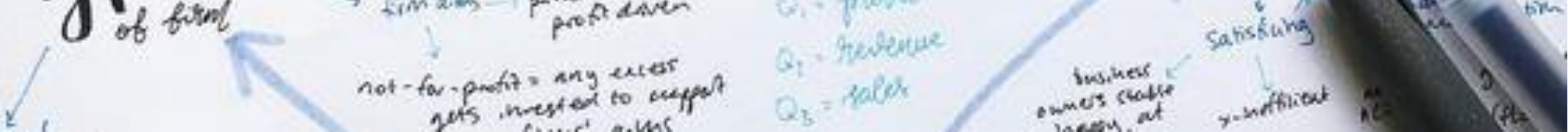
Pensando com conceitos

Solução de problemas

Pensamento crítico

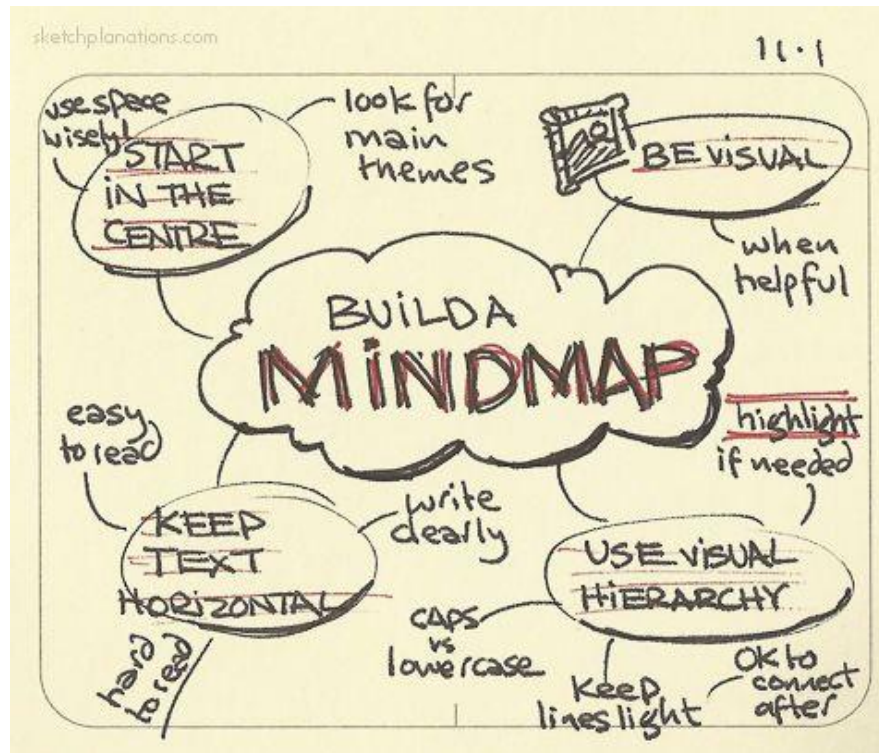
Pensando com regras

Pensando de forma criativa



Subsistemas:

Pensando com conceitos





Subsistemas:

Solução de problemas

KAUPAWAN'S HEALTH IMPROVEMENT PROJECT

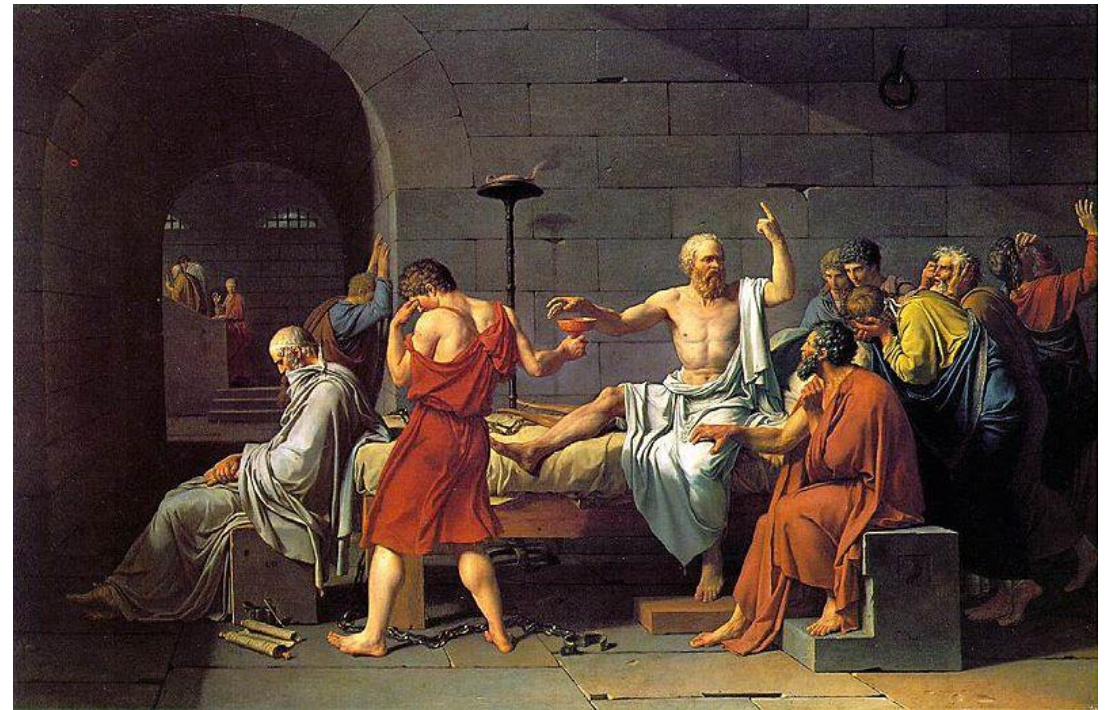


Subsistemas:

Pensamento crítico



Três de maio de 1808, Francisco de Goya



A morte de Sócrates, Jacques-Louis David



Subsistemas: Pensando de forma criativa

“Muitas vezes, você vence uma fraqueza perseguindo uma força.”

pensamento divergente | processamento top-down
retorno à inocência | tomada de riscos
integração de habilidades técnicas com originalidade
originalidade estilística | suspensão de auto-avaliação
autonomia da pressão de pares e padrões
descoberta e busca pelo meio correto

Outras ferramentas práticas





Mapeamento de forças, afinidades e desafios

Integração emoção e razão

Storytelling: fazendo sentido das emoções