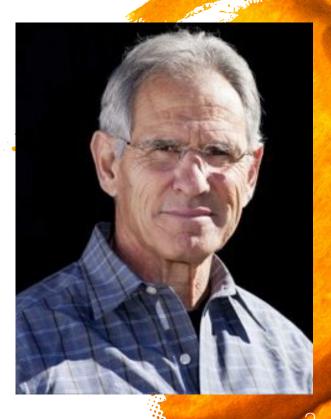




MINDFULNESS-BASED STRESS REDUCTION

- Developed in the late 1970s by Dr. Jon Kabat-Zinn, a professor of medicine at the University of Massachusetts
- Eight-week program to lower stress and enhance wellbeing
- Roots reach back to the early teachings of the Buddha



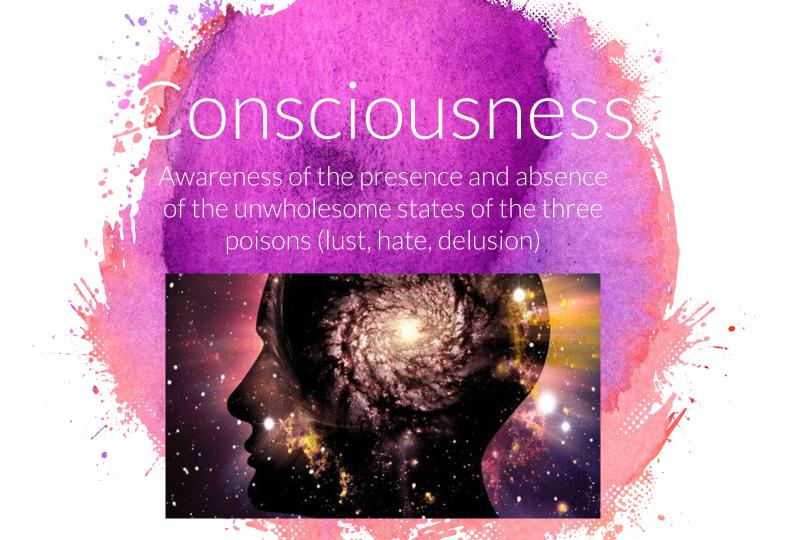
SATIPATTHANA SUTTA

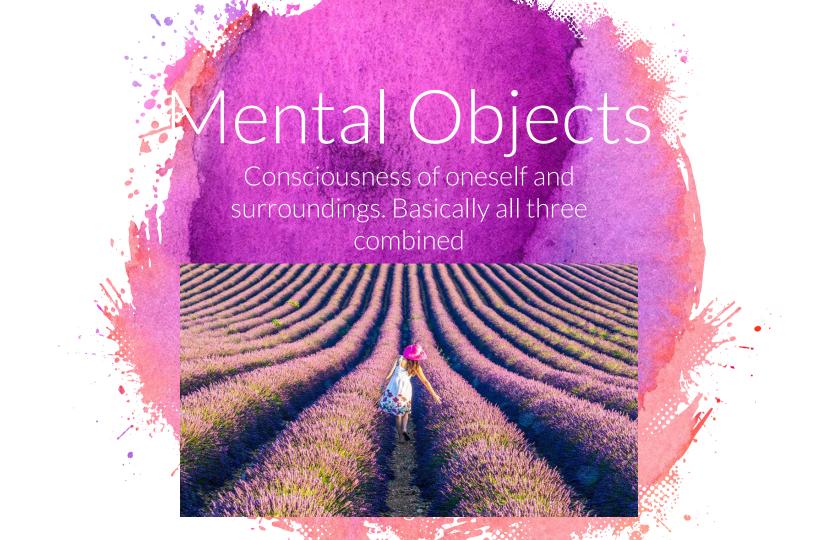
- Translated into English as "The Discourse on the Establishing of Mindfulness"
- The Buddha guides the practitioner to place careful attention on four different foundations of experience











MBSD TODAY

- There are now thousands of certified MBSR instructors in more than 30 developed countries
- Anyone with internet access can enter the terms "MBSR <insert city>" into
 Google to access a wealth of information and browse the local
 MBSR courses



BENEFITS OF MINDFULNESS

- The present moment typically involves no concern for stress
- Stress occurs when we allow our minds to think of things other than what is happening in our current experience
- Uncluttered/emptied the mind



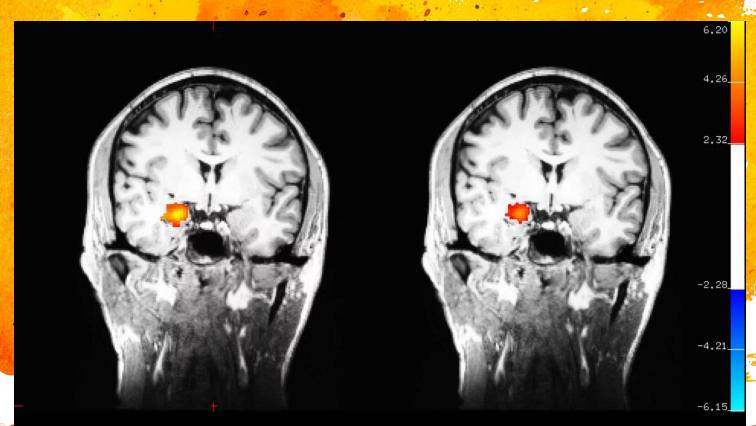


HARVARD MBSD STUDY

- Magnetic resonance(MR) of the brain before/after the MBSD 8-week study
- Increased gray matter density in the hippocampus
 - Important for learning and memory
- Decreased gray-matter density in the amygdala
 - Important role in anxiety and stress



ACTIVATION IN THE AMYGDALA





STRESS REDUCTION

- Associating future pain with an event and the need to prepare for it
- Be proactive! Plan for future rather than worry about it
- 3. Call fear something else excitement or challenge
- Anger is based on wanting something, not getting it and feeling frustrated.





RULES OF THE SIMULATION

- Stressful situation of a person stopped and fined around \$200 by a policeman due to texting & driving.
- Person A imitate the policeman
- Person B, after the policeman drives off,





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