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## Adolescent Sleep Deprivation Compromises REM sleep and learning Mimics symptoms of ADHD Increases symptoms of depression Decreases ability to control emotions Increases aggressive behaviors Increases risk of obesity

























## Limbic surge sends teens into limbic overdrive

 Self-regulation more challenging Evidence-based mind-body tools



Inner Explorer- Mindfulness in School

MIND-UP- mindfulness, SEL & neuroscience

• S.M.A.R.T.-Sensory Motor Arousal Regulation Treatment

dolescence is a window of opportunity for self-regulation interventions Office of Research, Evaluation and Planning, OPRE Reports, 2017

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## Poor Self-Regulation Skills During Adolescents Increases Risk of:

- Substance use
- Sexual risk-taking
- Juvenile delinquency



Self-regulation = skills to manage thoughts & feelings, control impulses & problem solve

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**Use "I" Statements** 

- Parent-child connections
- Lots of relationships
- Powerful identity
- Sense of control
- Sense of belonging, spirituality & life purpose
- Rights & responsibilities
- Safety & support

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