



## ***Neuroscience of Addiction Curriculum (NOA)***

### **Program Session At-A-Glance v.7**

#### **Session #1**

How do drugs affect the brain's pleasure system?

- Student pre-survey
- Pleasure Scale Model:  
Positive & Negative feelings
- “The Craving Experiment”
- CA Healthy Kids survey
- E-cigarettes usage

#### **Session #2**

How does the brain adapt to drug use?

- What is a drug?
- Neuro-adaptation, Tolerance, and  
Withdrawal
- Drug street names
- The Opposite of High model
- How Did This Happen to Me video

#### **Session #3**

When someone is addicted, who is in control?

- Withdrawal symptoms
- Continued Use Despite Adverse  
Consequences (CUDAC)
- How to measure the severity of the  
disease
- Case studies

#### **Session #4**

Why is it so hard to quit?

- Craving and Denial
- Why people relapse
- Environmental Cueing
- Vaping module
- Case studies and parent/adult  
perspective interview

#### **Session #5**

Who is at risk for addiction?

- The Bio-Psycho-Social model
- Who gets addicted and why
- Risk factors for addiction
- Craving Experiment reflections
- How Did This Happen to Me video  
2A
- Case studies

#### **Session #6**

How can people build protection into their lives?

- Protective and resilience factors
- Family genetics
- Onset of alcohol dependency by age
- School/community resources
- How Did This Happen to Me video 2B
- Signs of addiction new video segment
- Case studies & student post-survey

#### **Optional Modules:**

\*Vaping module

\*Fentanyl Module

\*Nuggets Module

\*Home Experiments

\*Reusal Skills & Role Playing Module

\*Gateway to Rehab Module