



The National ATE Center for Nanotechnology Applications and Career Knowledge (NACK)

Webinar Handout

RET Experience: Activities for the High School Classroom

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Presenter:





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Description:

Nanotechnology is recognized as an emerging enabling technology for the 21st century, in addition to the already established areas of information technology and biotechnology. This is because of the scientific convergence of physics, chemistry, biology, materials and engineering at nanoscale, and of the importance of the control of matter at nanoscale on almost all technologies.

Additional Resources: YouTube Links

RET Program – Research Experience for Teachers, Summer 2013 (Slide 8)

https://www.youtube.com/watch?v=OXichTTZ1oM

Standards for the 21st Century Learner – Standard 1: (Slide 12)

https://www.youtube.com/watch?v=iQSUgAP_TVI

Standards for the 21st Century Learner – Standard 2: (Slide 14)

https://www.youtube.com/watch?v=lajQuqlqNOo







Standards for the 21st Century Learner – Standard 3: (Slide 15)

https://www.youtube.com/watch?v=3r8P2Hu-tVw

Standards for the 21st Century Learner – Standard 4: (Slide 16)

https://www.youtube.com/watch?v=oxQiA9RzNCI

Additional Resources: NNIN

National Nanotechnology Infrastructure Network (NNIN) – Research Experience for Teachers:

http://www.nnin.org/education-training/k-12-teachers/research-experience-teachers

NNIN Curriculum Materials:

http://www.nnin.org/education-training/k-12-teachers/nanotechnology-curriculum-materials



