

## **Honors Physics Summer Packet**

Use each of the links given below to finish the Algebra, Trigonometry and science comprehension subtopics from Khan Academy. To claim the extra credit, you must create your Khan Academy login and be able to download your performance data to share it with your teacher. A minimum of 80% performance score is required to claim the extra credit (10 points for the 1<sup>st</sup> two major grades). For any questions contact Ms. Chowdhury Sinha [schowdhu@houstonisd.org](mailto:schowdhu@houstonisd.org).

### **Algebra 1**

<https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86:solve-equations-inequalities#x2f8bb11595b61c86:linear-equations-variables-both-sides>

<https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86:solve-equations-inequalities#x2f8bb11595b61c86:linear-equations-parentheses>

<https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86:solve-equations-inequalities#x2f8bb11595b61c86:linear-eqns-unknown-coefficients>

<https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86:linear-equations-graphs#x2f8bb11595b61c86:two-variable-linear-equations-intro>

<https://www.khanacademy.org/math/algebra/x2f8bb11595b61c86:linear-equations-graphs#x2f8bb11595b61c86:slope>

### **Trigonometry**

<https://www.khanacademy.org/math/algebra2/x2ec2f6f830c9fb89:trig/x2ec2f6f830c9fb89:unit-circle/v/unit-circle-definition-of-trig-functions-1>

<https://www.khanacademy.org/math/algebra2/x2ec2f6f830c9fb89:trig/x2ec2f6f830c9fb89:pythagorean-id/v/pythagorean-trig-identity-from-unit-circle>

### **Comprehension**

<https://www.khanacademy.org/test-prep/sat/sat-reading-writing-practice/new-sat-reading/a/how-to-approach-a-science-passage>