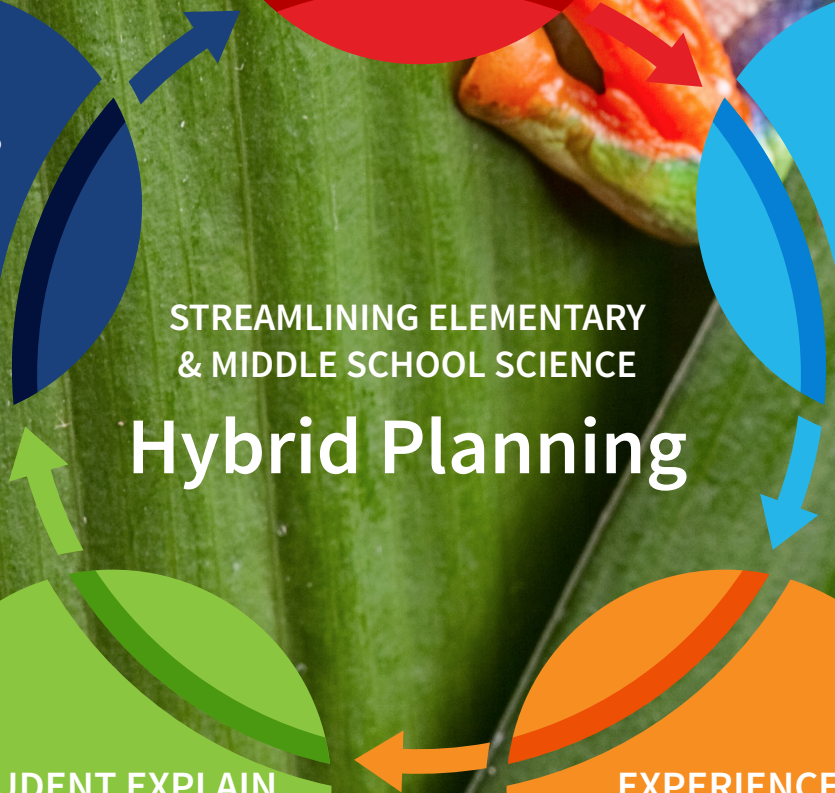


**STREAMLINING ELEMENTARY
& MIDDLE SCHOOL SCIENCE**

Hybrid Planning



Streamlining Elementary Science

In Classroom	At Home
<p>Start with the End Goal</p> <p>Purpose for Learning: Explain Phenomenon</p> <ul style="list-style-type: none"> <input type="checkbox"/> Students answer the Investigative Phenomena Question <input type="checkbox"/> Acceleration: Science Art 	<ul style="list-style-type: none"> ✔ Assign a digital document with commenting features ✔ Ask students to answer the Investigative Phenomena question ✔ Students explain the phenomenon ✔ Student screencast presentation of explanation
<p>Introduce Phenomena</p> <ul style="list-style-type: none"> <input type="checkbox"/> Engage: Investigative Phenomena Video Clip <input type="checkbox"/> Scope Page: Student Wondering of Phenomena Question <input type="checkbox"/> Students develop their own questions (driving question board) 	<ul style="list-style-type: none"> ✔ Assign Video-Clip or Simulation ✔ Live or Prerecorded Video Session to address Phenomenon ✔ Develop a digital driving question board
<p>Provide 1-2 Experiences around Phenomena</p> <ul style="list-style-type: none"> <input type="checkbox"/> Engage: Hook <input type="checkbox"/> Explore: Consider Materials Needed <ul style="list-style-type: none"> <input type="checkbox"/> How do I simplify it for the home? Can it be demonstrated? <input type="checkbox"/> Elaborate: Online Simulations 	<ul style="list-style-type: none"> ✔ Live or Prerecorded Video Session to showcase: Hook / Explores ✔ Use simple materials to demonstrate the phenomenon ✔ Online simulations (when applicable)
<p>Explain Phenomena / Purposeful Discourse</p> <ul style="list-style-type: none"> <input type="checkbox"/> Post-Activity Questions <input type="checkbox"/> Science Vocabulary as it relates to Experience <input type="checkbox"/> Connections between Phenomena <input type="checkbox"/> Small-Group Collaboration <input type="checkbox"/> Peer Review 	<ul style="list-style-type: none"> ✔ Provide a digital document with commenting features ✔ Ask: “How does the ‘experience’ relate to our driving question or phenomenon we are exploring?” ✔ Have students develop content vocabulary in context with the experience ✔ When possible, have them meet with small groups before meeting with you!
<p>Connections to Phenomena (optional)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Explain: All Pieces <input type="checkbox"/> Elaborate: All pieces <ul style="list-style-type: none"> <input type="checkbox"/> “How does this activity help explain the phenomena?” <input type="checkbox"/> Acceleration: Extensions <input type="checkbox"/> Acceleration: Science Art 	<ul style="list-style-type: none"> ✔ Provide digital document for review ✔ Ask: “How does this...connect to our driving question or phenomenon we are exploring?” ✔ “Provide me with (one, two, etc.) piece(s) of evidence that helps to explain our driving question or phenomenon.”



Streamlining Middle School Science

In Classroom	At Home
<p>Start with the End Goal</p> <p>Purpose for Learning: Explain Phenomenon</p> <ul style="list-style-type: none"> <input type="checkbox"/> Evaluate: Claim-Evidence-Reasoning <input type="checkbox"/> Evaluate: Open-Ended Response (scan for applicable questions) <input type="checkbox"/> Students answer the Investigative Phenomena Question <input type="checkbox"/> Acceleration: Science Art 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Assign a digital document with commenting features <input checked="" type="checkbox"/> Ask students to answer the Investigative Phenomena question <input checked="" type="checkbox"/> Students explain the phenomenon <input checked="" type="checkbox"/> Student screencast presentation of explanation
<p>Introduce Phenomena</p> <ul style="list-style-type: none"> <input type="checkbox"/> Engage: Investigative Phenomena Video Clip <input type="checkbox"/> Scope Page: Student Wondering of Phenomena Question <input type="checkbox"/> Students develop their own questions (driving question board) 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Assign Video-Clip or Simulation <input checked="" type="checkbox"/> Live or Prerecorded Video Session to address Phenomenon <input checked="" type="checkbox"/> Develop a digital driving question board
<p>Provide 1-2 Experiences around Phenomena</p> <ul style="list-style-type: none"> <input type="checkbox"/> Engage: Hook <input type="checkbox"/> Explore: Consider Materials Needed <ul style="list-style-type: none"> <input type="checkbox"/> How do I simplify it for the home? Can it be demonstrated? <input type="checkbox"/> Elaborate: Online Simulations 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Live or Prerecorded Video Session to showcase: Hook / Explores <input checked="" type="checkbox"/> Use simple materials to demonstrate the phenomenon <input checked="" type="checkbox"/> Online simulations (when applicable)
<p>Explain Phenomena / Purposeful Discourse</p> <ul style="list-style-type: none"> <input type="checkbox"/> Science Vocabulary as it relates to Experience <input type="checkbox"/> Explain: Communicate Science <input type="checkbox"/> STEMscopedia - Guiding Questions <input type="checkbox"/> Editing features in Google Documents <input type="checkbox"/> Small-Group Collaboration <input type="checkbox"/> Peer Review 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Provide a digital document with commenting features <input checked="" type="checkbox"/> Ask: "How does the 'experience' relate to our driving question or phenomenon we are exploring?" <input checked="" type="checkbox"/> Have students develop content vocabulary in context with the experience <input checked="" type="checkbox"/> When possible, have them meet with small groups before meeting with you!
<p>Connections to Phenomena (optional)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Explain: All Pieces <input type="checkbox"/> Elaborate: All pieces <ul style="list-style-type: none"> <input type="checkbox"/> "How does this activity help explain the phenomena?" <input type="checkbox"/> Acceleration: Extensions <input type="checkbox"/> Acceleration: Science Art 	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Provide digital document for review <input checked="" type="checkbox"/> Ask: "How does this...connect to our driving question or phenomenon we are exploring?" <input checked="" type="checkbox"/> "Provide me with (one, two, etc.) piece(s) of evidence that helps to explain our driving question or phenomenon."