

BUILD CONNECTIONS

Connect school topics to personal interests in your daily life.

Student Example: Math

① What are your interests, hobbies, and personal goals?

Basketball

Video Games

Texting

Hang out with team

Dogs

Sneakers

Basketball Scholarship

Design my own shoes

② What topics have you learned about in class recently?

Functions describe relationships b/w quantities

Inverse - one decreases as other increases

Example:
Higher altitude -> lower temperature

Linear - both variables increase at constant rate

③ Brainstorm connections. Draw lines between any interests in column ① and topics in column ② that you think are connected.

④ Develop a connection by filling in this sentence:

Video games interest from ① and linear functions topic from ②

are connected because I can use a function to decide if I should rent a video game (linear function) or buy it (fixed cost) based on how much I will use it.

⑤ Think more about your connection by filling in this sentence:

Linear functions topic from ④ could be important to

my life because I can use them to determine the exact usage over time that would make buying something cheaper than renting it.

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Student Example: English

① What are your interests, hobbies, and personal goals? Movies! _____ Music _____ Dancing _____ Make dance team!! _____ Q2 Honor Roll _____ Help abandoned animals _____ Learn to play guitar _____ Become a vet _____ _____ _____	② What topics have you learned about in class recently? Great Gatsby _____ Symbolism - shirts=wealth _____ Theme - greed as fatal flaw _____ Is the American dream possible? _____ Details - clothes _____ Daisy hair/voice, material goods _____ _____ _____	③ Brainstorm connections. Draw lines between any interests in column ① and topics in column ② that you think are connected. ④ Develop a connection by filling in this sentence: <u>Dancing</u> interest from ① and <u>narrative theme</u> topic from ② are connected because <u>both express important ideas indirectly - dance uses movement, novel uses story</u>. ⑤ Think more about your connection by filling in this sentence: <u>Narrative theme</u> topic from ④ could be important to my life because <u>I can think about what messages my dance routines communicate and pick important themes to express</u>.
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Student Example: Social Studies

① What are your interests, hobbies, and personal goals? Comic Books ——— Movies (Marvel) ——— Music ——— Draw my own comic ——— Visit China ——— Get new phone ——— Get a summer job ——— My cat ——— ————— —————	② What topics have you learned about in class recently? Civil rights leaders Gandhi - lawyer, satyagraha, independence for India, salt march Dr. Martin Luther King, Jr. - preacher, civil disobedience, Montgomery Bus Boycott, voting rights, equality under law ————— —————	③ Brainstorm connections. Draw lines between any interests in column ① and topics in column ② that you think are connected. ④ Develop a connection by filling in this sentence: Choosing a new phone interest from ① and civil rights leaders topic from ② are connected because many used economic choices, like not buying cloth or boycotting buses, to effect change. I can too. ⑤ Think more about your connection by filling in this sentence: Civil rights leaders topic from ④ could be important to my life because I should research what I buy (like phone) to know how my choices could help or harm others.
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Student Example: Science

① What are your interests, hobbies, and personal goals? <u>Cross country</u> <u>Hiking with my family</u> <u>Food!</u> <u>Student government</u> <u>TV (Spongebob)</u> <u>Volunteering</u> <u>Win Districts</u> <u>Pass all my APs</u> <u>Become a doctor</u>	② What topics have you learned about in class recently? <u>Organ systems and homeostasis</u> <u>Organs all have roles to meet needs</u> <u>In cells, all parts have roles too</u> <u>Homeostasis: body is in equilibrium</u> <u>When body is NOT in homeostasis for too long, we get sick or die</u>	③ Brainstorm connections. Draw lines between any interests in column ① and topics in column ② that you think are connected. ④ Develop a connection by filling in this sentence: <u>Becoming a doctor</u> interest from ① and <u>homeostasis</u> topic from ② are connected because <u>I can find what is threatening the balance in the body in order to diagnose patients.</u> ⑤ Think more about your connection by filling in this sentence: <u>Homeostasis</u> topic from ④ could be important to my life because <u>I can best help patients if I base decisions on many factors affecting them, like stress and eating habits</u>
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Annotated Exemplar: Math

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Basketball

Video Games

Texting

Hang out with team

Dogs

Sneakers

Basketball Scholarship

Design my own shoes

Be in a video game

Complete/robust range of interests

② What topics have you learned about in class recently?

Functions describe relationships b/w quantities

Inverse - one decreases as other increases

Example: Higher altitude -> lower temperature

Linear - both variables increase at constant rate

Includes content vocabulary

③ Brainstorm connections. Draw lines between any interests in column ① and topics in column ② that you think are connected.

④ Develop a connection by filling in this sentence:

Video games and linear functions
interest from ① and topic from ②

are connected because I can use a function to decide

if I should rent a video game (linear function) or

Describes connection clearly & precisely

buy it (fixed cost) based on how much I will use it

⑤ Think more about your connection by filling in this sentence:

Linear functions could be important to
topic from ④

my life because I can use them to compare

different options in the future, like buying

or paying a monthly fee for my phone

Importance is personal & actionable

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Teacher Example

① What are your interests, hobbies, and personal goals? <u>Travel</u> <u>Running</u> <u>Reading</u> <u>Podcasts</u> <u>Hamilton/Broadway</u> <u>Trying new restaurants</u> <u>Yoga class</u> <u>Plan trip to Canada</u>	② What topics have you learned about in class recently? <u>Poetry</u> <u>Literature where feelings/ideas are expressed through style and rhythm</u> <u>ex: Iambic pentameter</u> <u>Fixed forms</u> <u>Music as poetry</u> <u>Alliteration</u>	③ Brainstorm connections. Draw lines between any interests in column ① and topics in column ② that you think are connected. ④ Develop a connection by filling in this sentence: <u>Running</u> interest from ① and <u>Poetry</u> topic from ② are connected because <u>both involve rhythm</u> <u>and pacing your performance to a beat</u> ⑤ Think more about your connection by filling in this sentence: <u>Poetry</u> topic from ④ could be important to my life because <u>rhythm and pacing can help</u> <u>me pick music for running. Music with</u> <u>similar rhythm to my run speed can help me</u> <u>keep pace.</u>
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