Blended Learning: Purposeful Instruction Video Transcript

Andrea Gambino Rhodes:
For our warmup today, I want you to be thinking about different innovations that came out during the Industrial Revolution that increased positive and negative changes in society. So I want you to take a look at this infographic, and I'm going to describe it a little bit to you. Basically, we can see some new technologies that came out. One that I want to draw your attention to is the development of the steam engine. We also have the steamboat.

I knew my students needed to study the positive and negative outcomes of the Industrial Revolution, so then I just thought about, "What are some ways that we can do that?"

We have several innovations that all resulted from the Industrial Revolution, so what we are now using as the light bulb, the telephone, which we now use as smartphones...

I also like the ability to make them think about something differently.

All these different things are a result of the Industrial Revolution. So knowing that, on your sticky notes in your collaborative learning teams, I want you guys to make some inferences, and I want you to write down how these innovations have caused positive and negative changes in society. So take about three minutes. You guys are welcome to talk and discuss and help each other.

Student:
Around the 1800s is when most super important inventions were made.

Student:
Yeah, like the light bulb.

Student:
The light bulb, the car, Henry Ford made the first car.

Student:
And look where things are today.

Student:
Yeah, they evolved into the first Ford car, now the recent Ford trucks.

Student:
I put that children were working in factories and they didn't have child labor laws to protect them yet.

Gambino Rhodes:
Often, students think, "What does this have to do with me? It's so long ago." So I think that hooks for your lessons are very important. We call them hooks because we want to do something that can connect students with the past.

We're gonna go ahead and share some of these great ideas you are coming up with. Who would like to share some positive or negative outcomes of how the Industrial Revolution influenced society? All right, so let's start over here.

Student:
Negative impact on the Industrial Revolution was the pollution, because the factories, they were run off of carbon and coal and all that.

Gambino Rhodes:
One of the negative outcomes that he's teaching us about is that we see a lot of air pollution in today's society, and when we really saw that begin to originate was during the Industrial Revolution because of factories. Great job. Anything else that you wanted to add, Jared?

Jared:
A positive effect was a better economy. Or a positive impact.

Gambino Rhodes:
Okay, so on the flip side, we saw changes in the economy, new jobs were created. Anybody else that wants to add?

Student:
I was thinking of the steamboat. Instead of having to rely on the wind and paddle, you could burn the coal and it could go faster. And the airplane, which could travel great distances.

Gambino Rhodes:
Okay, excellent. And do you view this as a positive or as a negative thing?

Student:
I think it'd be a positive because if somebody's over the world and you wanted to go see them, you could go and see them faster.

Gambino Rhodes:
I really believe that for my students, their learning comes alive when I consider their interests, what they're passionate about, what types of things they can tap into that connects with their own lives, and something they can apply outside of school.

Student:
Yeah, without the light bulb, we wouldn't have smartphones or computers.

Gambino Rhodes
Kids are so used to reading a textbook or an article or something like that that they forget that, "Oh, hey, I can learn a lot from pictures or art or music and song lyrics." We can learn many exciting things from these different styles of text."

I am absolutely amazed at all your hard work. We're gonna go ahead and do our exit ticket.

For our lesson closure, I went back to what our essential question was for today.

I want to know from you, what factors influenced positive and negative changes in society during the Industrial Revolution?

I enjoy doing a simple data collection that refers back to our essential questions that we're studying. For today, I chose multiple choice. I wanted to give students potential answers that referenced these different styles of text, and it gave me a pretty good measure that students were able to understand the positive and negative factors that impact a society.

Take a moment to read through your choices. Let's see how we did. Whoa, all right! So we're doing really great, you guys!

I was really excited that they were able to grasp that. Being literate in social studies will help students better understand their own opinions and what their own feelings are about different issues and then being able to be a global citizen.

Student:
During this time period, since there were a lot of advancements in industries to mass produce products, they also had to get workers for these places, and most

of them being children, so children were basically forced to work to, um, stay alive or earn their keep.

Gambino Rhodes:
This impacted people that are just like you.