



STEAM

STEM

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STREAM



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PowToon

AWESOME

Personal Experience



4

Their task was to create a game.

Some games included;
basketball, catapult, foosball,
bean bag toss.

They connected forces from
science and other
mathematics concept from
the curriculum



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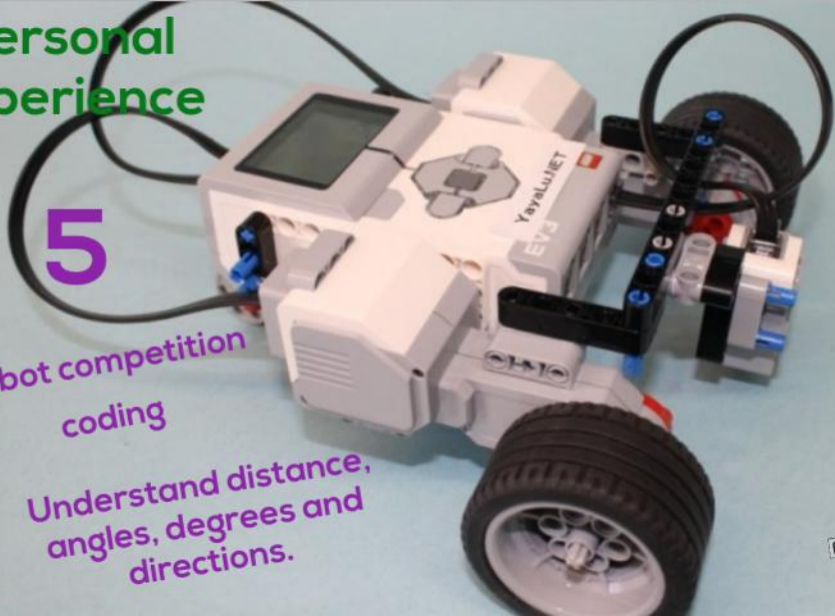
PowToon

Personal
Experience

5

robot competition
coding

Understand distance,
angles, degrees and
directions.



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- Student driven

- multidisciplinary

Natural Curiosity

Realistic

emphasizes the flexible use of knowledge to enhance student achievement

meaningful learning



interconnectedness



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In Gardner & Boix- Mansilla article, they said, "it is not important that students espouse the 'right theories', but that they draw fully on their own ideas in an effort to make sense- to perform their understandings- of intriguing phenomena (2006, p.2)."

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Teach the big idea to the students and help them to understand how it relates to them.

Nowhere in the curriculum book that states that teachers need to teach a concept in a certain way.

Flexible to teach the content in a creative way

This is the power teachers have to make the curriculum unique to their class and integrated as much or as little as possible.



(Venville)



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It can work by...

- **Teachers need to collaborate with one another and understand to make curriculum integration work**
- **Common goals along with grade specific expectations**
- **Commitment**
- **High confidence with subjects being integrated**



Czerniak

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Whole School

Integration



Howard Gardner MI

Kindergarten

Waldorf

The need for imagination,
a sense of truth and
a feeling of responsibility –
these are the three forces
which are the very
nerve of education."

Rudolf Steiner

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