



Dear Parent/Caregiver

Electric circuits are everywhere and they are the main reason we have lots of interesting devices, including computers, navigators, mobile phones and robots! In fact if you are going to be part of the 4th Industrial Revolution you will need to have a good understanding of electric circuits and electronics.

One strategy of ensuring that learners have an in depth understanding of how circuits work is through simulations. The PheT simulation can be used to model different circuits. Learners can playfully interact with the simulation on any device. However to attain effective and meaningful learning, a guided questioning approach should be adopted. Teachers or caregivers should develop guiding questions.

This questioning technique should be one that arouses curiosity in learners. The scientific method can also be used in enabling learners to construct knowledge.

Two aspects will be discussed in the coming messages to explore how PheT simulations can arouse curiosity and enable learners to construct knowledge.

Have a wonderful week.

Thank you

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References

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