



# Modeling Math with TI-Nspire™ Technology

Johnny Ashurst & Rachael Gorsuch

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# Welcome and Structure of Tonight's Webinar

- Welcome and getting to know Johnny and Rachael
- The role of chat (and deliberate pauses)
- Please play along later!

<http://tinyurl.com/T3Soccer>

# Guiding Questions

- What does mathematical modeling look and sound like?
- What is the role of technology in mathematical modeling?

# Modeling Soccer Kicks

- From photobursts to Photoshop
- Inserting photos into TI-Nspire graph pages



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# Starting the Modeling Process

- Now we have a photo embedded in the TI-Nspire. How can we make this a modeling problem?

# Let's Model!

Please open the .tns file that was shared at the beginning of the webinar.

If you need the file, you can find it here:

<http://tinyurl.com/T3Soccer>

As you explore, please share in the chat which tools you are using on the TI-Nspire and what discoveries you are making about the problem.

# A Modeling Cycle

Blum & Borromeo Ferri's Model (2009):

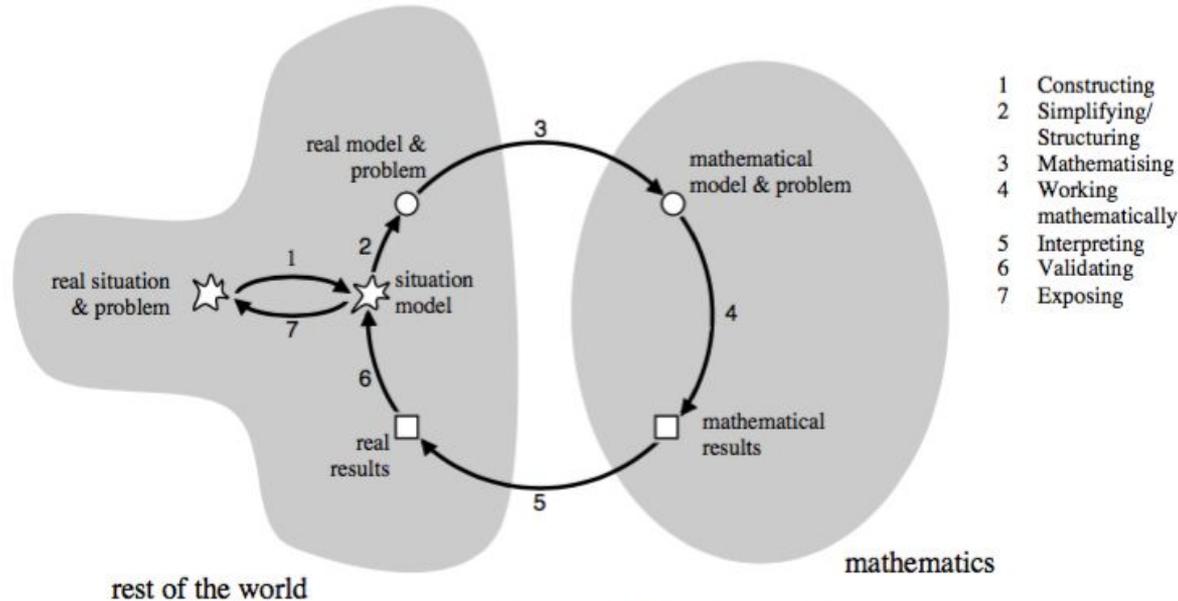


Figure 1 – Modelling cycle

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# Our Challenge to You

This is a snapshot of what mathematical modeling looks like in our classroom. What can you do in your classroom to promote mathematical modeling:

- this week?
- this month?
- the rest of this school year?

Share your ideas on our Padlet!

[https://padlet.com/rachael\\_gorsuch/T3WebinarModelTech](https://padlet.com/rachael_gorsuch/T3WebinarModelTech)

# Thank you!

We have enjoyed our chat tonight and look forward to meeting you at the T3 International Conference!

Between now and then, if you'd like to share ideas, please feel free to contact us at:

Johnny Ashurst [johnny.ashurst@gmail.com](mailto:johnny.ashurst@gmail.com) or Twitter: @kiltedcyclist

Rachael Gorsuch [rachael.gorsuch@gmail.com](mailto:rachael.gorsuch@gmail.com) or Twitter: @rachaelhgorsuch

We sincerely hope to hear from you and will be checking the Padlet all this week to hear more about your ideas!