

Activity	Time	Description/Prompt	Materials
Video: Speed is not Important	5 minutes	Video: https://vimeo.com/178104882	<ul style="list-style-type: none"> • Projector • Video
Video Discussion	2 minutes	Questions for the Discussion is from BCPS <ol style="list-style-type: none"> 1. Does speed judge how good you are at math? 2. Mathematicians tend to think deeply about solving problems. Why is that? 	
Journal Prompt	5 minutes	Journal Prompt is from BCPS <ul style="list-style-type: none"> • Studies have shown that when you become stressed various parts of your brain shutdown. What are some strategies you could use to alleviate this from happening? 	<ul style="list-style-type: none"> • Journal • Pencil
Hailstone Sequence	5 minutes	<ol style="list-style-type: none"> 1. Introduce the activity 2. Discuss with students the word conjecture (A conjecture is a proposition that is consistent with known data, but hasn't been proven, yet! In science we use hypothesis. In math we use conjecture) 3. Don't tell students the conjecture. See what they can discover. 	<ul style="list-style-type: none"> • Student handout (optional) page 3. This handout is prepared for students to read the task on their own, if you would like them to read some of the interesting details of this event – or you could tell them about it instead.
Exploration	20 minutes	<ol style="list-style-type: none"> 1. Ask students to explore the expression and generate their own data. 2. What do they notice? 3. What questions do they have? 	<ul style="list-style-type: none"> • Paper • Pencil • Student handout (optional) page 3
Class Discussion	5 minutes	Collect observations and student thinking	
Closing	3-5 minutes	Review key concepts: <ul style="list-style-type: none"> • Speed of solving problems is not related to how good you are at math. 	