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and said you were working on a song with that theme.

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**ANDREW** I can't judge that until I hear the final product.

**BILL** Then you shall hear it. And not just the Chorus.

# I Like Big Blocks! (Non Chorus)

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We partition  $N$  into block so wide

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Encode each block by its own pro-file

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Pigeon-hole says types repeat

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Encode each block by its own pro-file

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Now look at blocks, and take a seat.

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Ind-uction hums

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The gears all click

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Encode each block by its own pro-file

Collapse the colors; compress the style

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Now look at blocks, and take a seat.

Ind-uction hums

The gears all click

omega-squared—What a trick!

# I Like Big Blocks! (Chorus)

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I like big blocks and I cannot lie!

# I Like Big Blocks! (Chorus)

I like big blocks and I cannot lie!

You other math folks can't deny!

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With finitely many colors that you choose

# I Like Big Blocks! (Chorus)

I like big blocks and I cannot lie!

You other math folks can't deny!

With finitely many colors that you choose

There's a mono AP that you can't refuse.

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Hide your patterns, try to duck,

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Regularity brings the luck

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A Length- $k$  run in one shade

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A Length- $k$  run in one shade

Its a combinatorial serenade!

# I Like Big Blocks! (Final Chorus)

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I like big blocks and I cannot lie!

# I Like Big Blocks! (Final Chorus)

I like big blocks and I cannot lie!

Mono APs you can't deny.

# I Like Big Blocks! (Final Chorus)

I like big blocks and I cannot lie!

Mono APs you can't deny.

With giant blocks and recursive tracks

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Van der Waerden's got your back.

# I Like Big Blocks! (Final Chorus)

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(Applause if deserved.)

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**The End**