

You read the title so here it comes, I'll primarily be focusing on the Miyagi verse and Cobra Kai don't expect anything high like your used to from most of these but imo it's a breath of fresh air



The Karate Kid 2:Chozen Kicks off part of a Statue:

Results:4,687J or 4.687KJ

(Street Level)

[https://vsbattles.fandom.com/wiki/User_blog:KLOL506/The_Karate_Kid_Part_2-_Chozen_kicks_a_statue_\(Re-do\)](https://vsbattles.fandom.com/wiki/User_blog:KLOL506/The_Karate_Kid_Part_2-_Chozen_kicks_a_statue_(Re-do))

The Karate Kid 3:Daniel punches through a 2x4 "As if it were paper":

Feat

<https://pastebin.com/nQmQN75y>

Volume:406.451cm3

<https://www.google.com/search?q=2x4+Volume&og=2x4+Volume&aqs=chrome..69i57j0i512j0i22i30l2j0i390i650l4.4498j0j9&client=ms-android-tmus-us-rvc3&sourceid=chrome-mobile&ie=UTF-8>

The comparison made would mean the 2x4 was shattered in the Novels

Violent Frag of Wood (13.7895j/cc):

$406.451 \times 13.7895 = 5,604\text{J}$ or 5.6KJ

(Street Level)

The Karate Kid: Daniel Chops 3 Cakes of Ice:

Feat

<https://pastebin.com/JW9yU5Zv>

The most universally average cake is 9 inches and the pans for them are typically 2 inches tall

<https://www.thekitchn.com/the-kitchens-guide-to-essential-baking-pans-setting-up-a-kitchen-169680>

Diameter: 22.86cm

Radius: 11.43cm

Height: 5.08cm

Cylinder Volume: $2,085\text{cm}^3$

Frag of Ice (0.5271j/cc):

$(2,085 \times 0.5271) \times 3 = 3,297\text{J}$ or 3.297KJ

(Street Level)

Method 2:

Average Tensile Strength of Ice 0.7-3.1 MPa (1.9 MPa)

<https://link.springer.com/article/10.1023/A:1021134128038#:~:text=The%20tensile%20strength%20of%20ice,relatively%20insensitive%20to%20these%20variables.>

Volume: 0.002085m^3

Shear Strength (0.6x)

$(0.002085 \times 1,900,000) \times 0.6 = 2,376.9\text{N}$

$2,376.9 \times 3 = 7,190.7\text{N}$ or 7.19KN

(Street Level)

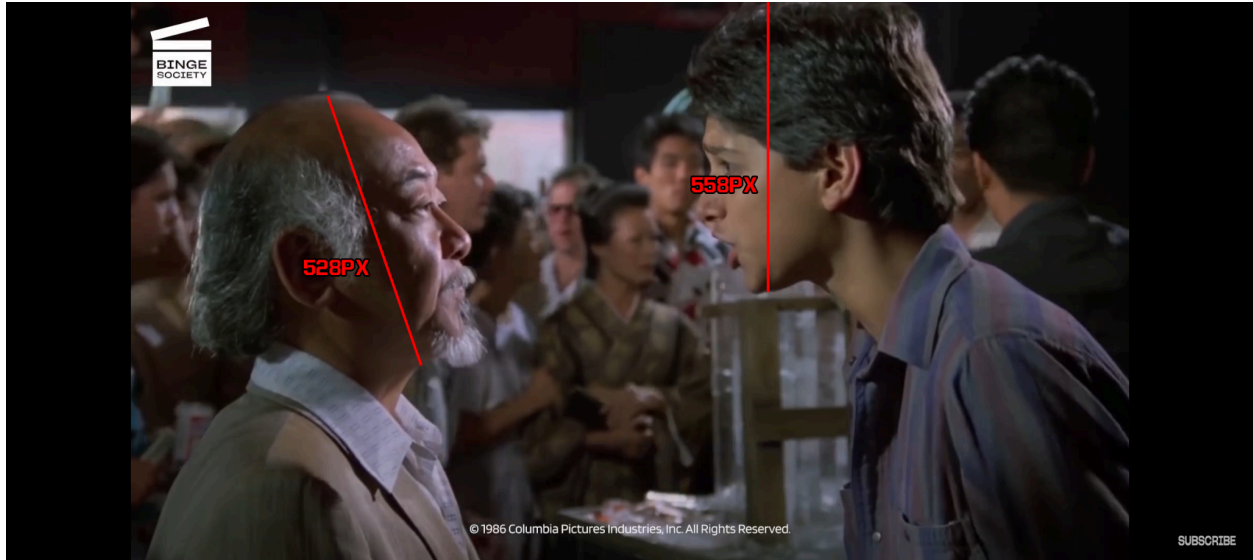
The Karate Kid 2: Daniel Chops some Ice Blocks:

Feat 2:40

https://youtu.be/f8tx_8zkczc?si=y3M8O-LyNUZ6Npxg

Miyagi doesn't have a stated Height but his actor Pat Morita was 1.6m

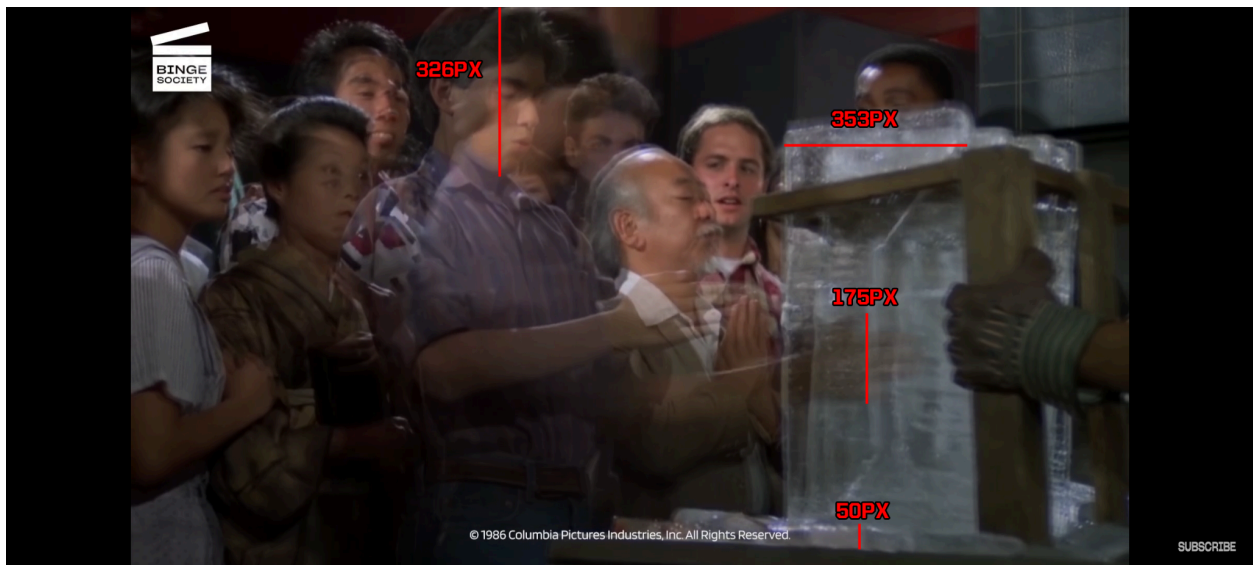
His Average Head size should be 0.2m



Miyagi's Head 528px/0.2m

Daniel's Head+Hair 558px/0.211m

Next shot



Daniel's Head+Hair 326px/0.211m

Crack Width 175px/0.113m

Crack Length 353px/0.228m

Crack Thickness 50px/0.0324m

Volume:

$0.228 \times 0.113 \times 0.0324 = 0.0008347536 \text{ m}^3$

Average Tensile Strength of Ice 0.7-3.1 MPa (1.9 MPa)

<https://link.springer.com/article/10.1023/A:1021134128038#:~:text=The%20tensile%20strength%20of%20ice,relatively%20insensitive%20to%20these%20variables.>

$0.0008347536 \times 1,900,000 = 1,586 \text{ N}$

Shear Strength(0.6x)

$1,586 \times 0.6 = 951.6\text{N}$

There are 6 Slabs

$951.6 \times 6 = 5,709\text{N}$ or 5.7KN

(Street Level)

Bonus: The thug before Daniel [chops through 2 of these ice blocks](#)

$951.6 \times 2 = 1,903.2\text{N}$ or 1.9KN

The Karate Kid 3: Barnes Shatters some Bricks:

Feat

<https://gfycat.com/colossalimitedburro>

Average Index Finger Width 1.8cm

[https://www.smashingmagazine.com/2012/02/finger-friendly-design-ideal-mobile-touchscreen-target-sizes/#:~:text=An%20MIT%20Touch%20Lab%20study,20%20mm\)%20for%20most%20adults.](https://www.smashingmagazine.com/2012/02/finger-friendly-design-ideal-mobile-touchscreen-target-sizes/#:~:text=An%20MIT%20Touch%20Lab%20study,20%20mm)%20for%20most%20adults.)





Kreese's Finger 59px/1.8cm

Brick Destroyed Height 285px/8.69cm

Brick Destroyed Width 274px/8.35m

Brick Thickness 115px/3.5cm

Volume:

$8.69 \times 8.35 \times 3.5 = 253.96 \text{cm}^3$

Pulverization of Brick(19.28-24.37j/cc):

$253.96 \times 19.28 = 4,896 \text{J}$ or 4.896KJ

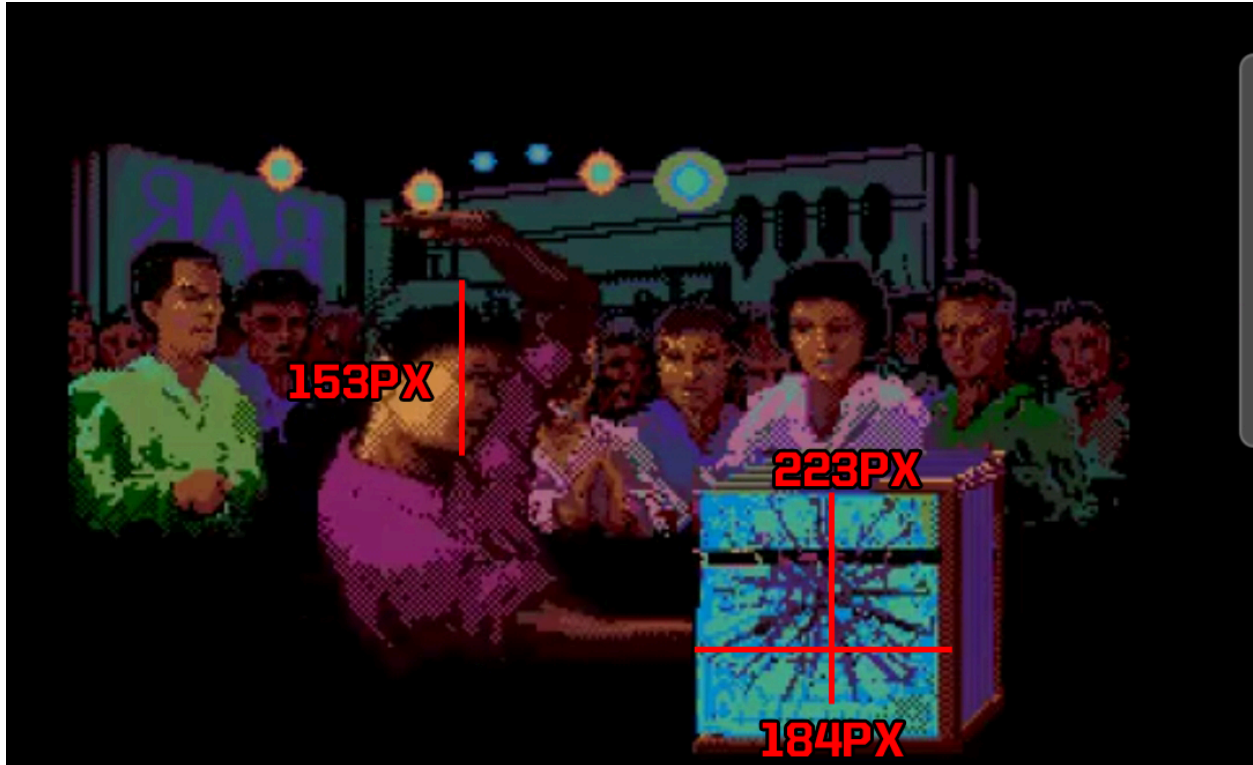
$253.96 \times 24.37 = 6,189 \text{J}$ or 6.189KJ

(Street Level)

The Karate Kid SNES Game:Daniel destroys Ice Blocks:

Feat

<https://gfycat.com/uncommonpotablecat>



Daniel's Head+Hair 153px/0.211m

Ice Height 223px/0.3075m

Ice Width 184px/0.2537m

This was ripped straight from KK2 so I'll be using the 0.0324m from it

Volume:

$$30.75 \times 25.37 \times 3.24 = 2,527.61 \text{ cm}^3$$

There are 6 slabs

$$2,527.61 \times 6 = 15,165.66 \text{ cm}^3$$

Violent Frag of Ice(0.825j/cc)

$$15,165.66 \times 0.825 = 12,511.66 \text{ J or } 12.511 \text{ KJ}$$

(Street Level)

Method 2:

$$0.01516566 \times 1,900,000 = 28,814.754 \text{ N}$$

Sheer Strength(0.6x)

$$28,814.754 \times 0.6 = 17,288.85 \text{ N or } 17.288 \text{ KN}$$

(Street Level)

The Karate Kid 2: Miyagi saves Sato:

Feat 1:25

<https://youtu.be/S0-6oQa5O2k?si=AyjqicU4jKAffL1O&t=1m25s>

Miyagi's Head 287px/0.2m
Beam Height 172px/0.119m



Next shot



Miyagi's Head 350px/0.2m
Beam Length 324px/0.185m
Crack Thickness 43px/0.0245m

Volume:
 $0.119 \times 0.185 \times 0.0245 =$
 0.000539m^3

Average Tensile Strength of Common Wood 86.2MPa
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9182387/>

$0.000539 \times 86,200,000 = 46,461.8\text{N}$
Shear Strength(0.6x)
 $46,461 \times 0.6 = 27,877\text{N}$ or 27.877KN
(Wall Level)

The Karate Kid 3: Miyagi yeets Silver into a Mirror:

Feat 2:45

https://youtu.be/vT7JOS_chDE?si=HOHEFmm7nczduc6H&t=2m45s



Miyagi 586px/1.6m
Mirror Height 660px/1.802m
Mirror Width 354px/0.966m
Average Mirror Thickness 4-6mm (5mm)
<https://www.palmersglass.com.au/mirrors-buyers-guide/#:~:text=Standard%20mirror%20glass%20comes%20in%204mm%20%26%206mm%20thickness.>

Volume:
 $180.2 \times 96.6 \times 0.5 = 8,703.66\text{cm}^3$

Violent Frag of Glass(1j/cc):
 $8,703.66 \times 1 = 8,703.66\text{J}$ or 8.7KJ
(Street Level)

Going based on this one
<https://vsbattles.com/threads/destruction-values-of-glass.80892/>

Violent Frag of Glass(4.2j/cc):
 $8,703.66 \times 4.2 = 36,555\text{J}$ or 36.555KJ
(Wall Level)

The Karate Kid: Johnny Smashes a Wooden Sign:

Feat 2:25

<https://youtu.be/LL0EXVcU4no?si=3LcchA7zKw9XHjWp&t=2m25s>



Daniel's Head+Hair 166px//0.211m

Sign Height 415px/0.5275m

Thickness 4px/0.0058m

This is hard angled so $0.0058 * 1.5 = 0.0087\text{m}$

Next shot



Sign Height 51px/0.5275m

Sign Width 65px/0.6723m

Volume:

$$52.75 \times 67.23 \times 0.87 = 3,085 \text{cm}^3$$

Violent Frag of Wood(13.7895j/cc):
 $3,085 \times 13.7895 = 42,540 \text{J}$ or 42.54KJ
(Wall Level)

Cobra Kai: Tory punches through Solid Stone:

Feat 0:33

<https://youtu.be/mVIQzgtQyoU&t=33s>

Tory is played by Payton List whose height is 1.7018m



Tory 727px/1.7018m

Stone Block Height 168px/0.393m

Stone Block Thickness 20px/0.0468m

Next shot



Stone Block Height 773px/0.393m

Stone Block Width 600px/0.305m

Volume:

$39.3 \times 30.5 \times 4.68 = 5,609.682 \text{ cm}^3$

Frag of Rock(8j/cc):

$5,609.682 \times 8 = 44,877.456 \text{ J}$ or 44.877KJ

(Wall Level)

Cobra Kai:Kyler Headbutts Concrete:

Feat 2:30

https://youtu.be/MsX-iWp68OI?si=B5G_1tODaqDmXM8L&t=2m30s

Kyler, has no official height but his actor Joe Seo is 1.791m



Kyler 886px/1.791m

Block Thickness 21px/0.04245m

Next shot



Block Thickness 19px/0.04245m

Crack Width 118px/0.2636m

Crack Length 0.13755m

Volume:

$0.2636 \times 0.13755 \times 0.04245 =$
 0.00153m^3

There are 5 slabs

$0.00153 \times 5 = 0.00765\text{m}^3$

$0.00765 \times 3,500,000 = 26,775\text{N}$
Shear Strength(0.6x)
 $26,775 \times 0.6 = 16,065\text{N}$ or 16KN
(Wall Level)

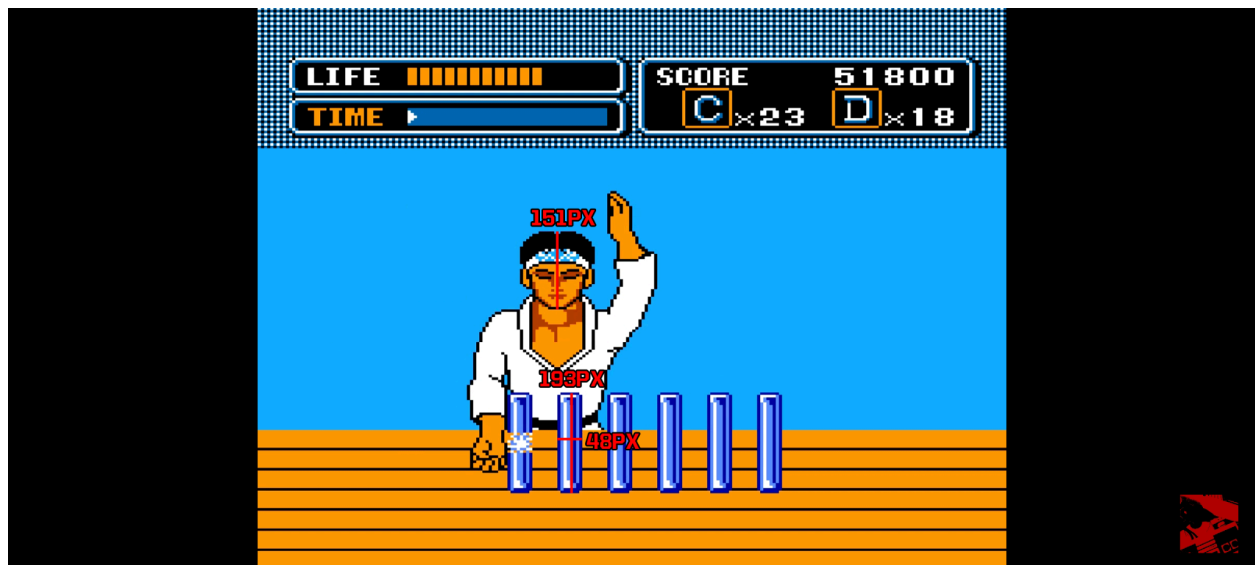
Method 2:
Volume: $7,650\text{cm}^3$

Frag of Concrete(6j/cc):
 $7,650 \times 6 = 45,900\text{J}$ or 45.9KJ
(Wall Level)

The Karate Kid SNES: Daniel destroys Ice Blocks:

Feat 6:50

<https://youtu.be/7rqkMK2mf5E?si=whjPOfpLITXnfriH&t=6m50s>



Daniel's Head+Hair 151px/0.211m

Ice Block Height 193px/0.269m

Thickness 48px/0.067m

Length should be as much as the original ice blocks since this is what the bonus game is referencing (0.113m)

Volume:
 $26.9 \times 6.7 \times 11.3 = 2,036.599\text{cm}^3$
There are 6 slabs
 $2,036.599 \times 6 = 12,219.594\text{cm}^3$

Violent Frag of Ice(0.825j/cc):
 $12,219.594 \times 0.825 = 10,081.1\text{J}$ or 10KJ

(Street Level)

Pulverization of Ice(4.3919j/cc):

$12,219.594 \times 4.3919 = 53,667.2\text{J}$ or 53.667KJ

(Wall Level)

Cobra Kai:Johnny uses Brick Break:

Here's the link for the feat

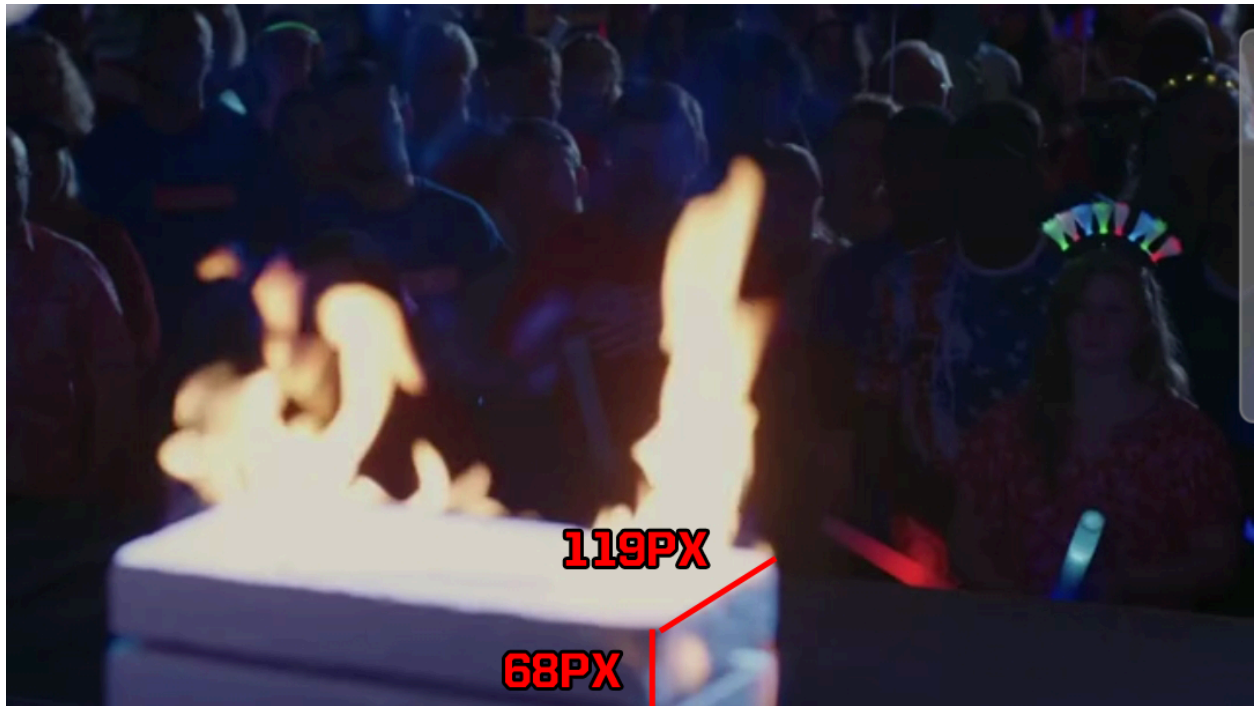
<https://gfycat.com/essentialsnappychineseecrocodilelizard>



Johnny's Head 109px/0.2285m

Block Thickness 25px/0.0524m

Next shot



Block Thickness 68px/0.0524m

Crack Length 119px/0.0917m

This is like hard angled tho so

Crack Length $0.0917 \times 1.5 = 0.13755\text{m}$

Next shot



Block Thickness 26px/0.0524m

Crack Width 143px/0.2882m

Volume:

$$0.13755 \times 0.2882 \times 0.0524 =$$

$$0.002077 \text{m}^3$$

There are 5 slabs

$$0.002077 \times 5 = 0.01038 \text{m}^3$$

$$0.01038 \times 3,500,000 = 36,330 \text{N}$$

Shear Strength(0.6x)

$$36,330 \times 0.6 = 21,798 \text{N or } 21.798 \text{KN}$$

(Wall Level)

Method 2:

$$\text{Volume: } 10,380 \text{cm}^3$$

Frag of Concrete(6j/cc):

$$10,380 \times 6 = 62,280 \text{J or } 62.28 \text{KJ}$$

(Wall Level)

Cobra Kai: Chris uses Brick Break:

Feat 0:20

<https://youtu.be/MsX-iWp68OI&t=20s>

Chris is played by Khalil Everage, his height is 1.88m



Chris 782px/1.88m

Block Thickness 23px/0.055m

Crack Width 122px/0.293m

Crack Length 0.13755m

Volume:

$$0.293 \times 0.13755 \times 0.055 = \\ 0.00221 \text{m}^3$$

There are 5 slabs

$$0.00221 \times 5 = 0.01105 \text{m}^3$$

Average Tensile Strength of Concrete 3.5MPa

$$0.01105 \times 3,500,000 = 38,675 \text{N}$$

$$38,675 \times 0.6 = 23,205 \text{N or } 23.2 \text{KN}$$

(Wall Level)

Frag of Concrete(6j/cc):

$$11,050 \times 6 = 66,300 \text{J or } 66.3 \text{KJ}$$

(Wall Level)

Cobra Kai:Johnny hates Cinder Blocks:

Feat 0:24

<https://youtu.be/dUjytHY4wrY?si=c9pn7nl-gcodYLA7&t=48s>

Johnny has no stated height but his actor William Zabka is 1.828m so head size should be 0.2285m on average



Johnny's Head 173px/0.2285m

Brick Destroyed Height 204px/0.269m

Brick Destroyed Width 162px/0.213m

Thickness is the same as the height

Volume:

$$0.269 \times 0.269 \times 0.213 = 0.0154 \text{m}^3$$

Applying 50% Hollowness cause of the holes

Tensile Strength of Concrete 3.5MPa

$$(0.0154 \times 3,500,000) \times 0.5 = 26,950 \text{ N}$$

Shear Strength(0.6x)

$$26,950 \times 0.6 = 16,170 \text{ N or } 16.17 \text{ KN}$$

(Wall Level)

Johnny destroys 2 cinder blocks later at the sametime

$$16,170 \times 2 = 32,340 \text{ N or } 32.34 \text{ KN}$$

(Wall Level)

Method 2:

$$\text{Volume: } 15,400 \text{ cm}^3$$

Frag of Concrete(6j/cc):

$$(15,400 \times 6) \times 0.5 = 46,200 \text{ J or } 46.2 \text{ KJ}$$

(Wall Level)

Factoring in the 2 Cinder Blocks

$$46,200 \times 2 = 92,400 \text{ J or } 92.4 \text{ KJ}$$

(Wall Level)

Cobra Kai:Miguel reacts to a Baseball Pitch Machine:

Feat 0:35

https://youtu.be/_NfbMXZeqpw&t=35s

Average Baseball Speed

$$70 \text{ mph} = 31.298 \text{ m/s}$$

(Superhuman)

<https://practicesports.com/playbook/pitching-machine-speed-chart-speed-vs-distance/>

The pitches should be much faster though since one of the balls were launched fast enough to [dent a wall](#)

Cobra Kai:Daniel reacts to a Baseball Pitch Machine

Feat 1:30

<https://youtu.be/FrqSniWjKF4?feature=shared&t=1m30s>

Average Baseball Speed

$$70 \text{ mph} = 31.298 \text{ m/s}$$

(Superhuman)

<https://practicesports.com/playbook/pitching-machine-speed-chart-speed-vs-distance/>

But considering this is Johnny trying to seriously train Daniel who's an experienced Karate fighter he should be reacting at the highest setting

90mph = 40.23m/s

(Subsonic)

<https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://www.trainingnets.com/products/launch-f-lite-baseball-and-softball-pitching-machine-variable-speed-throws-up-to-a-simulated-90-mph&ved=2ahUKEwiuv4iE-fyAAxXYjYkEHX6lAPoQ-bAJegQIKxAB&usg=AOvVaw1eQI9VITcFc7L7Jj11qXeH>

The Next Karate Kid: Miyagi intercepts an Arrow:

Gonna recalc this a little bit

https://vsbattles.fandom.com/wiki/User_blog:Kepekley23/Karate_Kid:_Mr._Miyagi_catches_an_arrow

Miyagi doesn't have a stated Height but his actor Pat Morita was 1.6m

Doing the math from the link the distance is 9.8835m

Bow appears to be a Long Bow their stated Muzzle Velocity is 53.9m/s

<http://www.subsubroutine.com/sub-subroutine/2014/06/16/the-symbolic-algebra-of-the-medieval-longbow#:~:text=According%20to%20Longbow%20Speed%20Testing.Say%2053m%2Fs%20in%20metric.>

$(9.8835/53.9)=0.183\text{secs}$

Miyagi's Head via standard body proportions would be 0.2m

Miyagi's Head 95px/0.2m

Arm 200px/0.42m

$(0.42/0.183)=2.295\text{m}$

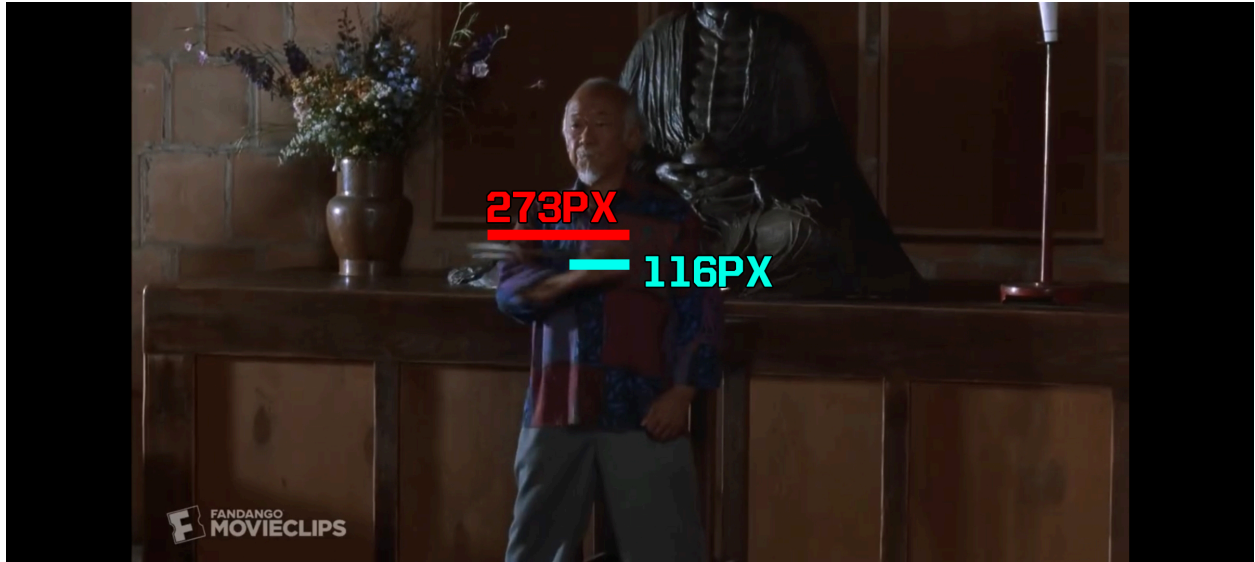
$2.295 \times 9.8835 = 22.68\text{m/s}$

(Superhuman)

Method 2:

Longbow Muzzle Velocity: 53.9m/s

<http://www.subsubroutine.com/sub-subroutine/2014/06/16/the-symbolic-algebra-of-the-medieval-longbow#:~:text=According%20to%20Longbow%20Speed%20Testing.Say%2053m%2Fs%20in%20metric>



Arrow Speed 116px/53.9m/s

Miyagi Hand Movement 273px/126.8m/s

(Subsonic)

As always, thank you for taking the time to read this if you did!