|  | **Image** | **Qty** | **Color** | **Category** |  | **Part name** |  | **Set count** |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4112282.jpg | 4 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Beams](http://www.brickset.com/parts/browse/categories/?category=Beams) |   | Technic Angular Beam 4X6 |  | 88 |   |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4142822.jpg | 2 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Beams](http://www.brickset.com/parts/browse/categories/?category=Beams) |  | Technic 3M Beam |  | 129 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4552347.jpg | 4 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Beams](http://www.brickset.com/parts/browse/categories/?category=Beams) |  | T-Beam 3X3 W/Hole Ø4.8 |  | 39 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4121667.jpg | 8 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Beams, Special](http://www.brickset.com/parts/browse/categories/?category=Beams,%20Special) |  | Double Cross Block |  | 155 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4140430.jpg | 4 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Beams, Special](http://www.brickset.com/parts/browse/categories/?category=Beams,%20Special) |  | Technic Cross Block 2X1 |  | 112 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\6006140.jpg | 4 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Beams, Special](http://www.brickset.com/parts/browse/categories/?category=Beams,%20Special) |  | Beam 1X2 W/Cross And Hole |  | 44 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4541326.jpg | 1 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Beams, With Bows](http://www.brickset.com/parts/browse/categories/?category=Beams,%20With%20Bows) |  | Left Panel 5X11 |  | 5 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4543490.jpg | 1 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Beams, With Bows](http://www.brickset.com/parts/browse/categories/?category=Beams,%20With%20Bows) |  | Right Panel 5X11 |  | 5 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4566249.jpg | 1 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Beams, With Bows](http://www.brickset.com/parts/browse/categories/?category=Beams,%20With%20Bows) |  | Right Panel 3X5 |  | 8 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4566251.jpg | 1 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Beams, With Bows](http://www.brickset.com/parts/browse/categories/?category=Beams,%20With%20Bows) |  | Left Panel 3X5 |  | 8 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\370526.jpg | 4 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | Cross Axle 4M |  | 758 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\370626.jpg | 4 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | Cross Axle 6M |  | 633 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\370726.jpg | 2 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | Cross Axle 8M |  | 425 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\370826.jpg | 2 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | Cross Axle 12M |  | 288 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\373726.jpg | 2 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | Cross Axle 10M |  | 373 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4107085.jpg | 4 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | Angle Element, 0 Degrees [1] |  | 284 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4107767.jpg | 2 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | Angle Element, 90 Degrees [6] |  | 116 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4107783.jpg | 4 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | Angle Element, 180 Degrees [2] |  | 180 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4121715.jpg | 60 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | Connector Peg W. Friction |  | 1233 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4198367.jpg | 4 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | Damper 2M |  | 70 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4652236.jpg | 2 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Functional Elements](http://www.brickset.com/parts/browse/categories/?category=Functional%20Elements) |  | Upper Part For Turntable Z28 |  | 5 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4177430.jpg | 2 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Functional Elements, Gear Wheels And Racks](http://www.brickset.com/parts/browse/categories/?category=Functional%20Elements,%20Gear%20Wheels%20And%20Racks) |  | Double Conical Wheel Z20 1M |  | 39 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4177431.jpg | 2 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Functional Elements, Gear Wheels And Racks](http://www.brickset.com/parts/browse/categories/?category=Functional%20Elements,%20Gear%20Wheels%20And%20Racks) |  | Double Conical Wheel Z12 1M |  | 160 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4248204.jpg | 4 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Functional Elements, Gear Wheels And Racks](http://www.brickset.com/parts/browse/categories/?category=Functional%20Elements,%20Gear%20Wheels%20And%20Racks) |  | Technic Angular Wheel |  | 40 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4255563.jpg | 2 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Functional Elements, Gear Wheels And Racks](http://www.brickset.com/parts/browse/categories/?category=Functional%20Elements,%20Gear%20Wheels%20And%20Racks) |  | Double Conical Wheel Z36 |  | 27 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4142236.jpg | 2 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Half Beams](http://www.brickset.com/parts/browse/categories/?category=Half%20Beams) |  | Lever 1X4, Without Notch |  | 94 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4162857.jpg | 4 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Half Beams, Special](http://www.brickset.com/parts/browse/categories/?category=Half%20Beams,%20Special) |  | Technic Cross Block/Fork 2X2 |  | 92 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4563044.jpg | 2 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Half Beams, Special](http://www.brickset.com/parts/browse/categories/?category=Half%20Beams,%20Special) |  | 2X1X3 Steering Knuckle Arm |  | 53 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\6035364.jpg | 2 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Tires And Rims For/To Snap Ø4,85 W. Cross](http://www.brickset.com/parts/browse/categories/?category=Tyres%20And%20Rims%20For/To%20Snap%20%C3%984,85%20W.%20Cross) |  | Tyre Low Wide Ø56 X 28 |  | 2 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4582792.jpg | 4 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Tires And Rims, Special](http://www.brickset.com/parts/browse/categories/?category=Tyres%20And%20Rims,%20Special) |  | Sprocket, Ø¸40,7 |  | 5 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\6014648.jpg | 54 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Tires And Rims, Special](http://www.brickset.com/parts/browse/categories/?category=Tyres%20And%20Rims,%20Special) |  | Track Element, 5X1,5 |  | 2 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\6028041.jpg | 4 | [Black](http://www.brickset.com/parts/browse/colours/?colour=Black) | [Tires And Rims, Special](http://www.brickset.com/parts/browse/categories/?category=Tyres%20And%20Rims,%20Special) |  | Tyre For Wedge-Belt Wheel |  | 11 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4514554.jpg | 6 | [Brick Yellow](http://www.brickset.com/parts/browse/colours/?colour=Brick%20Yellow) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | 3M Connector Peg |  | 151 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4666579.jpg | 8 | [Brick Yellow](http://www.brickset.com/parts/browse/colours/?colour=Brick%20Yellow) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | Connector Peg/Cross Axle |  | 159 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4565452.jpg | 2 | [Brick Yellow](http://www.brickset.com/parts/browse/colours/?colour=Brick%20Yellow) | [Functional Elements, Gear Wheels And Racks](http://www.brickset.com/parts/browse/categories/?category=Functional%20Elements,%20Gear%20Wheels%20And%20Racks) |  | Conical Wheel Z12 |  | 81 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4509376.jpg | 4 | [Bright Blue](http://www.brickset.com/parts/browse/colours/?colour=Bright%20Blue) | [Beams](http://www.brickset.com/parts/browse/categories/?category=Beams) |  | Technic 3M Beam |  | 16 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4206482.jpg | 20 | [Bright Blue](http://www.brickset.com/parts/browse/colours/?colour=Bright%20Blue) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | Conn.Bush W.Fric./Crossale |  | 828 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4514553.jpg | 30 | [Bright Blue](http://www.brickset.com/parts/browse/colours/?colour=Bright%20Blue) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | Connector Peg W. Friction 3M |  | 322 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4141270.jpg | 6 | [Bright Red](http://www.brickset.com/parts/browse/colours/?colour=Bright%20Red) | [Beams](http://www.brickset.com/parts/browse/categories/?category=Beams) |  | Technic Ang. Beam 4X2 90 Deg |  | 47 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4153718.jpg | 4 | [Bright Red](http://www.brickset.com/parts/browse/colours/?colour=Bright%20Red) | [Beams](http://www.brickset.com/parts/browse/categories/?category=Beams) |  | Technic 3M Beam |  | 48 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\6008527.jpg | 2 | [Bright Red](http://www.brickset.com/parts/browse/colours/?colour=Bright%20Red) | [Beams, Special](http://www.brickset.com/parts/browse/categories/?category=Beams,%20Special) |  | Hto V Beam 90 Degr. |  | 1 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4140806.jpg | 22 | [Bright Red](http://www.brickset.com/parts/browse/colours/?colour=Bright%20Red) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | 2M Fric. Snap W/Cross Hole |  | 128 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4142865.jpg | 10 | [Bright Red](http://www.brickset.com/parts/browse/colours/?colour=Bright%20Red) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | 2M Cross Axle W. Groove |  | 618 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4513174.jpg | 6 | [Bright Red](http://www.brickset.com/parts/browse/colours/?colour=Bright%20Red) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | Cross Axle, Extension, 2M |  | 57 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4153707.jpg | 4 | [Bright Yellow](http://www.brickset.com/parts/browse/colours/?colour=Bright%20Yellow) | [Beams](http://www.brickset.com/parts/browse/categories/?category=Beams) |  | Technic 3M Beam |  | 47 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4239601.jpg | 10 | [Bright Yellow](http://www.brickset.com/parts/browse/colours/?colour=Bright%20Yellow) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | 1/2 Bush |  | 201 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\6007973.jpg | 4 | [Dark Green](http://www.brickset.com/parts/browse/colours/?colour=Dark%20Green) | [Beams](http://www.brickset.com/parts/browse/categories/?category=Beams) |  | Technic 3M Beam |  | 1 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4210857.jpg | 8 | [Dark Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Dark%20Stone%20Grey) | [Beams, Special](http://www.brickset.com/parts/browse/categories/?category=Beams,%20Special) |  | Cross Blok 3M |  | 65 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4610380.jpg | 1 | [Dark Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Dark%20Stone%20Grey) | [Beams, Special](http://www.brickset.com/parts/browse/categories/?category=Beams,%20Special) |  | Power Joint |  | 6 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4499858.jpg | 2 | [Dark Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Dark%20Stone%20Grey) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | Cross Axle 8M With End Stop |  | 151 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4560177.jpg | 2 | [Dark Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Dark%20Stone%20Grey) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | Cross Axle 4M With End Stop |  | 186 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4514558.jpg | 4 | [Dark Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Dark%20Stone%20Grey) | [Functional Elements, Gear Wheels And Racks](http://www.brickset.com/parts/browse/categories/?category=Functional%20Elements,%20Gear%20Wheels%20And%20Racks) |  | Gear Wheel Z24 |  | 68 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\6012451.jpg | 4 | [Dark Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Dark%20Stone%20Grey) | [Functional Elements, Gear Wheels And Racks](http://www.brickset.com/parts/browse/categories/?category=Functional%20Elements,%20Gear%20Wheels%20And%20Racks) |  | Gear Wheel T=8, M=1 |  | 45 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4587275.jpg | 4 | [Dark Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Dark%20Stone%20Grey) | [Tyres And Rims, Special](http://www.brickset.com/parts/browse/categories/?category=Tyres%20And%20Rims,%20Special) |  | Wedge-Belt Wheel Ø24 |  | 10 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4211624.jpg | 4 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Beams](http://www.brickset.com/parts/browse/categories/?category=Beams) |  | Technic Angular Beam 3X7 |  | 23 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4211651.jpg | 4 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Beams](http://www.brickset.com/parts/browse/categories/?category=Beams) |  | Technic 5M Beam |  | 66 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4211713.jpg | 2 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Beams](http://www.brickset.com/parts/browse/categories/?category=Beams) |  | Technic Ang. Beam 3X5 90 Deg. |  | 46 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4211866.jpg | 6 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Beams](http://www.brickset.com/parts/browse/categories/?category=Beams) |  | Technic 9M Beam |  | 39 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4495930.jpg | 4 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Beams](http://www.brickset.com/parts/browse/categories/?category=Beams) |  | Technic 7M Beam |  | 60 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4522934.jpg | 6 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Beams](http://www.brickset.com/parts/browse/categories/?category=Beams) |  | Technic 13M Beam |  | 22 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4611705.jpg | 4 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Beams](http://www.brickset.com/parts/browse/categories/?category=Beams) |  | Technic 11M Beam |  | 22 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4211775.jpg | 8 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Beams, Special](http://www.brickset.com/parts/browse/categories/?category=Beams,%20Special) |  | Cross Block 90° |  | 101 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4225033.jpg | 6 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Beams, Special](http://www.brickset.com/parts/browse/categories/?category=Beams,%20Special) |  | Beam 3 M. W/4 Snaps |  | 122 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4296059.jpg | 4 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Beams, Special](http://www.brickset.com/parts/browse/categories/?category=Beams,%20Special) |  | Angular Beam 90Degr. W.4 Snaps |  | 32 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4538007.jpg | 6 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Beams, Special](http://www.brickset.com/parts/browse/categories/?category=Beams,%20Special) |  | Cross Block 3X2 |  | 40 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4539880.jpg | 3 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Beams, Special](http://www.brickset.com/parts/browse/categories/?category=Beams,%20Special) |  | Beam Frame 5X7 Ø 4.85 |  | 28 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4540797.jpg | 1 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Beams, Special](http://www.brickset.com/parts/browse/categories/?category=Beams,%20Special) |  | Beam R. Frame 5X11 Ø4.85 |  | 21 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4560175.jpg | 4 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Beams, Special](http://www.brickset.com/parts/browse/categories/?category=Beams,%20Special) |  | Double Bush 3M Ø4.9 |  | 50 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4211622.jpg | 10 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | Bush For Cross Axle |  | 399 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4211639.jpg | 6 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | Cross Axle 5M |  | 358 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4211805.jpg | 5 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | Cross Axle 7M |  | 248 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4211807.jpg | 10 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | Connector Peg |  | 442 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4211815.jpg | 14 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | Cross Axle 3M |  | 598 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4502595.jpg | 2 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | 3-Branch Cross Axle W/Cross H. |  | 52 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4526985.jpg | 4 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | Tube W/Double Ø4.85 |  | 87 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4535768.jpg | 2 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | Cross Axle 9M |  | 74 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\6008472.jpg | 2 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Electric Parts](http://www.brickset.com/parts/browse/categories/?category=Electric%20Parts) |  | Ms, Ev3, Touch Sensor |  | 3 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\6008577.jpg | 1 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Electric Parts](http://www.brickset.com/parts/browse/categories/?category=Electric%20Parts) |  | Ms-Ev3, Medium Motor |  | 3 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\6008916.jpg | 1 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Electric Parts](http://www.brickset.com/parts/browse/categories/?category=Electric%20Parts) |  | Ms, Ev3, Gyro Sensor |  | 2 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\6008919.jpg | 1 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Electric Parts](http://www.brickset.com/parts/browse/categories/?category=Electric%20Parts) |  | Ms, Ev3, Sensor, Colour |  | 3 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\6012820.jpg | 1 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Electric Parts](http://www.brickset.com/parts/browse/categories/?category=Electric%20Parts) |  | Ms-Ev3 Rechargeable Battery |  | 2 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4652235.jpg | 2 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Functional Elements](http://www.brickset.com/parts/browse/categories/?category=Functional%20Elements) |  | Lower Part For Turntable Z28 |  | 5 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4211510.jpg | 2 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Functional Elements, Gear Wheels And Racks](http://www.brickset.com/parts/browse/categories/?category=Functional%20Elements,%20Gear%20Wheels%20And%20Racks) |  | Worm |  | 75 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4285634.jpg | 2 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Functional Elements, Gear Wheels And Racks](http://www.brickset.com/parts/browse/categories/?category=Functional%20Elements,%20Gear%20Wheels%20And%20Racks) |  | Gear Wheel 40T |  | 39 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4640536.jpg | 4 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Functional Elements, Gear Wheels And Racks](http://www.brickset.com/parts/browse/categories/?category=Functional%20Elements,%20Gear%20Wheels%20And%20Racks) |  | Gear Wheel Z16 |  | 51 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\6009019.jpg | 4 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Half Beams](http://www.brickset.com/parts/browse/categories/?category=Half%20Beams) |  | Triangle |  | 9 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4634091.jpg | 2 | [Medium Stone Grey](http://www.brickset.com/parts/browse/colours/?colour=Medium%20Stone%20Grey) | [Tyres And Rims For/To Snap Ø4,85 W. Cross](http://www.brickset.com/parts/browse/categories/?category=Tyres%20And%20Rims%20For/To%20Snap%20%C3%984,85%20W.%20Cross) |  | Rim Wide 43,2X26 W 6 Hol.Ø 4.8 |  | 16 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\6031821.jpg | 2 | [Sand Yellow](http://www.brickset.com/parts/browse/colours/?colour=Sand%20Yellow) | [Connectors](http://www.brickset.com/parts/browse/categories/?category=Connectors) |  | Crossaxle 3M With Knob |  | 105 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4495412.jpg | 4 | [White](http://www.brickset.com/parts/browse/colours/?colour=White) | [Beams](http://www.brickset.com/parts/browse/categories/?category=Beams) |  | Double Angular Beam 3X7 45° |  | 12 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4509912.jpg | 6 | [White](http://www.brickset.com/parts/browse/colours/?colour=White) | [Beams](http://www.brickset.com/parts/browse/categories/?category=Beams) |  | Technic Angular Beam 4X4 |  | 6 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4542578.jpg | 6 | [White](http://www.brickset.com/parts/browse/colours/?colour=White) | [Beams](http://www.brickset.com/parts/browse/categories/?category=Beams) |  | Technic 15M Beam |  | 15 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4585040.jpg | 4 | [White](http://www.brickset.com/parts/browse/colours/?colour=White) | [Beams](http://www.brickset.com/parts/browse/categories/?category=Beams) |  | Technic Ang. Beam 3X5 90 Deg. |  | 7 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\6009996.jpg | 1 | [White](http://www.brickset.com/parts/browse/colours/?colour=White) | [Electric Parts](http://www.brickset.com/parts/browse/categories/?category=Electric%20Parts) |  | Ms-Ev3, P-Brick |  | 3 |  |
|  | C:\Users\Steelerd\Desktop\Parts inventory for 45544-1  Education EV3 Core Set _ Brickset  LEGO set guide and database_files\4173941.jpg | 4 | [White](http://www.brickset.com/parts/browse/colours/?colour=White) | [Modelling Elements](http://www.brickset.com/parts/browse/categories/?category=Modelling%20Elements) |  | Bion. Eye |  | 19 |  |

**Color summary**

| **Color** | **Unique** | **Total** |
| --- | --- | --- |
| Black | 32 | 202 |
| Brick Yellow | 3 | 16 |
| Bright Blue | 3 | 54 |
| Bright Red | 6 | 50 |
| Bright Yellow | 2 | 14 |
| Dark Green | 1 | 4 |
| Dark Stone Grey | 7 | 25 |
| Medium Stone Grey | 33 | 137 |
| Sand Yellow | 1 | 2 |
| White | 6 | 25 |
| Total | 94 | 529 |

**Category summary**

| **Category** | **Unique** | **Total** |
| --- | --- | --- |
| Beams | 19 | 82 |
| Beams, Special | 13 | 59 |
| Beams, With Bows | 4 | 4 |
| Connectors | 29 | 259 |
| Electric Parts | 6 | 7 |
| Functional Elements | 2 | 4 |
| Functional Elements, Gear Wheels And Racks | 10 | 28 |
| Half Beams | 2 | 6 |
| Half Beams, Special | 2 | 6 |
| Modelling Elements | 1 | 4 |
| Tires And Rims For/To Snap Ø4,85 W. Cross | 2 | 4 |
| Tires And Rims, Special | 4 | 66 |
| Total | 94 | 529 |