



Construction Set

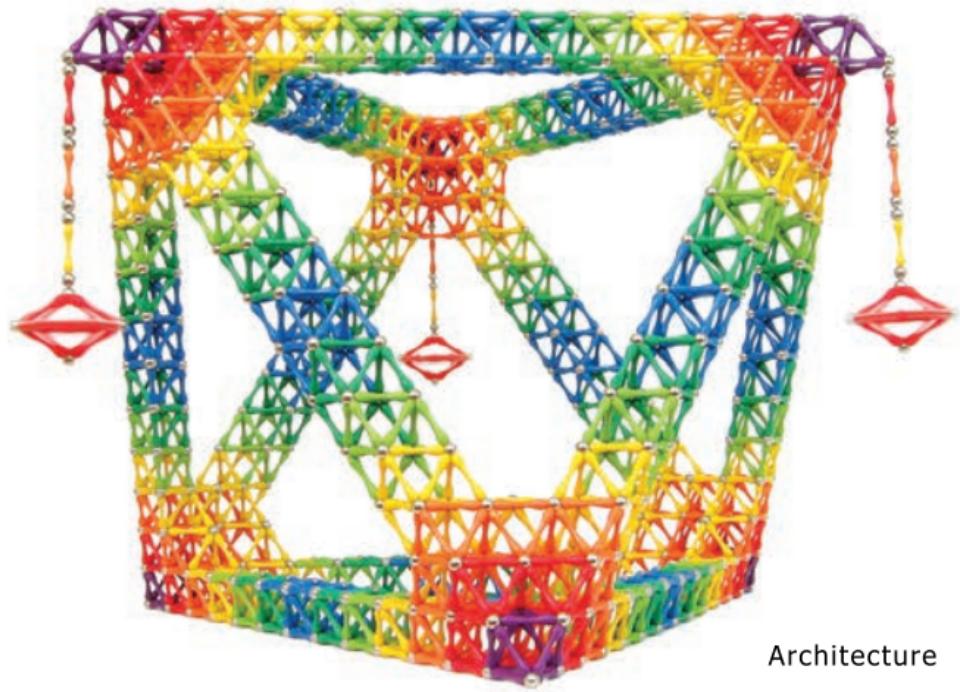


simple
fun
creative



IMPORTANT: This booklet is an integral part of the product and must be kept at all times

Instruction Booklet | Bedienungsanleitung | Folleto de
Instrucciones | Livret d'instructions | Libretto di Istruzioni



Architecture



Giant Spinner

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What is Goobi? / Was ist Goobi? / ¿Qué es Goobi? / Qu'est-ce que Goobi? / Cos'è Goobi?



Goobi is an award-winning educational construction toy that introduces builders to the fascinating world of magnetism. By allowing builders to construct an endless variety of 3D structures, Goobi turns geometry and engineering into play. Goobi construction sets make a valuable addition to any S.T.E.M. learning curriculum.

The Goobi Bar is ergonomically designed with strong neodymium permanent magnets of opposite polarities safely embedded into each end. The shape and the dimensions of the bar are designed to be conveniently handled by both children and adults.



The Goobi Ball is a nickel-plated steel sphere.
Note: The ball is not a magnet.

The Goobi Tripod is used to construct rigid cubical structures which expands the building possibilities.





Goobi ist ein preisgekröntes Bildungsbau-Spielzeug, das Bauherren in die faszinierende Welt der Magnetik einführt. Indem Goobi es Bauherren ermöglicht, eine unendliche Vielfalt an 3D-Strukturen zu konstruieren, setzt Goobi Geometrie und Engineering ins Spiel. Goobi-Baukästen sind eine wertvolle Ergänzung zu jedem S.T.E.M.-Lernplan.

Der Goobi Riegel ist ergonomisch gestaltet und mit starken Neodym-Permanentmagneten mit entgegengesetzten Polaritäten ausgestattet, die sicher in jedes Ende eingebettet sind. Die Form und die Abmessungen der Stange sind so konzipiert, dass sie sowohl von Kindern als auch von Erwachsenen bequem bedient werden können.



Die Goobi-Kugel ist eine vernickelte Stahlkugel.
Hinweis: Die Kugel ist kein Magnet.



Das Goobi-Stativ wird verwendet, um starre kubische Strukturen zu konstruieren, die die Baumöglichkeiten erweitern.



What is Goobi? / Was ist Goobi? / ¿Qué es Goobi? / Qu'est-ce que Goobi? / Cos'è Goobi?



Goobi es un galardonado juguete educativo de construcción que presenta a los constructores del fascinante mundo del magnetismo. Al permitir a los constructores construir una variedad infinita de estructuras tridimensionales, Goobi pone en juego la geometría y la ingeniería. Los conjuntos de construcción de Goobi son una valiosa adición a cualquier plan de estudios de aprendizaje STEM.

La barra Goobi tiene un diseño ergonómico con fuertes imanes permanentes de neodimio de polaridades opuestas incrustadas de forma segura en cada extremo. La forma y las dimensiones de la barra están diseñadas para ser manejadas por niños y adultos.



La bola de Goobi es una esfera de acero niquelada.
Nota: La bola no es un imán

El trípode Goobi se utiliza para construir estructuras cúbicas rígidas que amplían las posibilidades de construcción.





Goobi est un jouet à orientation éducative primé qui initie les constructeurs au monde fascinant du magnétisme. En permettant aux constructeurs de fabriquer une variété infinie de structures 3D, Goobi transforme la géométrie et l'ingénierie en un jeu. Les jeux de construction de Goobi offrent une addition précieuse à tout parcours d'apprentissage S.T.I.M.

La barre de Goobi est ergonomiquement conçu avec des aimants permanents puissants en néodyme de polarités opposées, intégrés de manière sûre à chaque extrémité. La forme et dimensions de la barre sont conçus pour qu'elle puisse adéquatement manipulée par à la fois les enfants et les adultes.



La balle de Goobi est une sphère en acier nickelé. Remarque : La balle n'est pas un aimant.



Le trépied de Goobi est utilisé pour construire des structures cubiques rigides qui élargissent les possibilités de construction.



What is Goobi? / Was ist Goobi? / ¿Qué es Goobi? / Qu'est-ce que Goobi? / Cos'è Goobi?



Goobi è un giocattolo di costruzione educativo premiato che introduce costruttori al mondo affascinante della magnetica. Consentendo ai costruttori di costruire una varietà infinita di strutture 3D, Goobi trasforma geometria e ingegneria in gioco. I set di costruzione Goobi costituiscono una preziosa integrazione a qualsiasi curriculum di apprendimento S.T.E.M. (Scienza, Tecnologia, Ingegneria, e Matematica)

La Barra Goobi è disegnata ergonomicamente con forti magneti neodimi permanenti di polarità opposte saldamente incastri in ogni estremità. La forma e le dimensioni della barra sono disegnate per essere comodamente manipolate da sia bambini che adulti.



La Palla Goobi è una sfera in acciaio nichelata.
Nota: La palla non è un magnete.



Il Treppiede Goobi viene utilizzato per costruire rigide strutture cubiche che espandono le possibilità di costruzione.





Figure 1

The simplest Goobi structure is a single bar-ball connection, as shown in Figure 1.

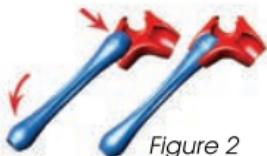


Figure 2

The next fundamental connection is the bar-tripod connection. Snap an end of the bar into a cavity of the tripod as shown in Figure 2.



Figure 3

Snap 3 bars into a single tripod to get 90° connections, which is the base unit of building cubical structures, and then add a steel ball as shown in Figure 3.

Get the maximum magnetic attraction by using the strategy illustrated in Figure 4. This technique is used to build many other shapes on page 14.

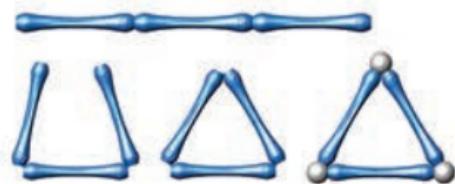


Figure 4



Abbildung 1

Die einfachste Goobi-Struktur ist eine einzelne Barkugel-Verbindung, wie in Abbildung 1 dargestellt.



Abbildung 2

Die nächste grundlegende Verbindung ist der Bar-Stativ-Anschluss. Stecken Sie ein Ende der Stange in einen Hohlraum des Stativs, wie in Abbildung 2 dargestellt.

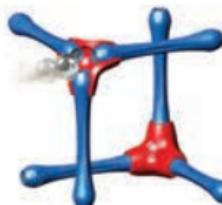


Abbildung 3

Schnappen Sie 3 Stangen in ein einzelnes Stativ, um 90°-Verbindungen zu erhalten, die die Grundeinheit für kubische Bauwerke sind, und fügen Sie dann eine Stahlkugel hinzu, wie in Abbildung 3 dargestellt.

Erhalten Sie die maximale magnetische Anziehungskraft, indem Sie die in Abbildung 4 dargestellte Strategie verwenden. Diese Technik wird verwendet, um viele andere Formen auf Seite 14 zu bauen.

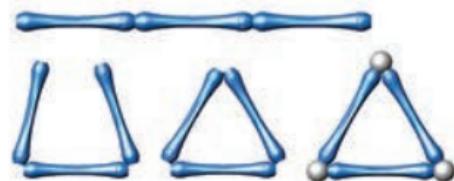


Abbildung 4



Figura 1



Figura 2

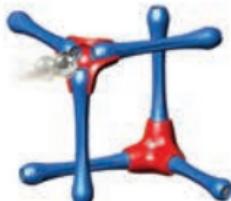


Figura 3

La estructura Goobi más simple es una única conexión barra-bola, como se muestra en la Figura 1.

La siguiente conexión fundamental es la conexión barra-trípode. Encaje un extremo de la barra en una cavidad del trípode como se muestra en la Figura 2.

Encaje 3 barras en un solo trípode para obtener conexiones de 90°, que es la unidad base para construir estructuras cúbicas, y luego agregue una bola de acero como se muestra en la Figura 3.

Obtenga la atracción magnética máxima utilizando la estrategia ilustrada en la Figura 4. Esta técnica se usa para construir muchas otras formas en la página 14.



Figure 4



Figure 1

La structure Goobi la plus simple est une simple connexion barre-balle, comme cela est illustré dans la Figure 1



Figure 2

La connexion fondamentale suivante est la connexion barre-trépied. Insérez une extrémité de la barre dans une cavité du trépied, comme cela est illustré à la Figure 2.

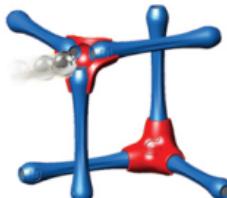


Figure 3

Insérez 3 barres dans un seul trépied pour obtenir des connexions à 90°, qui est l'unité de base des structures cubiques du bâtiment, puis ajoutez une balle d'acier comme illustré à la Figure 3.

Obtenez l'attraction magnétique maximale en utilisant la stratégie illustrée à la Figure 4. Cette technique est utilisée pour construire de nombreuses formes sur la page 14.



Abbildung 4



Figura 1

La struttura Goobi più semplice è un singolo collegamento barra-palla, come mostrato nella Figura 1.



Figura 2

Il prossimo collegamento fondamentale è il collegamento barra-treppiede. Chiudere a scatto un'estremità della barra in una cavità del treppiede come mostrato nella Figura 2.

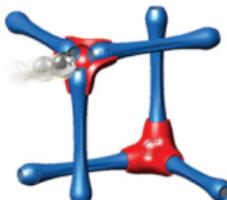


Figura 3

Chiudere a scatto 3 barre in un singolo treppiede per ottenere collegamenti da 90°, che costituisce l'unità base di strutture cubiche di costruzione, e poi aggiungere una palla in acciaio come mostrato nella Figura 3.

Si può ottenere la massima attrazione magnetica utilizzando la strategia illustrata nella Figura 4. Questa tecnica viene utilizzata per costruire molte altre forme sulla pagina 14.



Figure 4

Figure 5

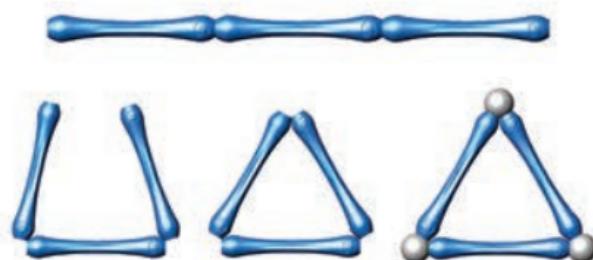


Figure 6

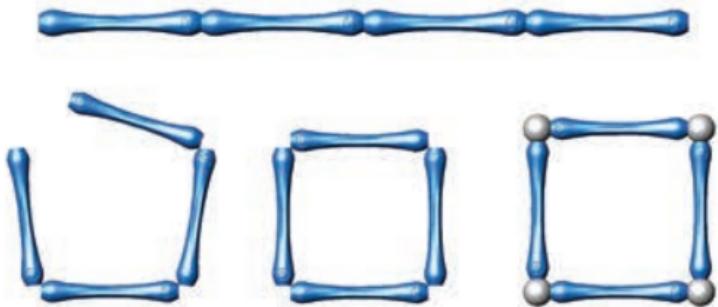


Figure 7

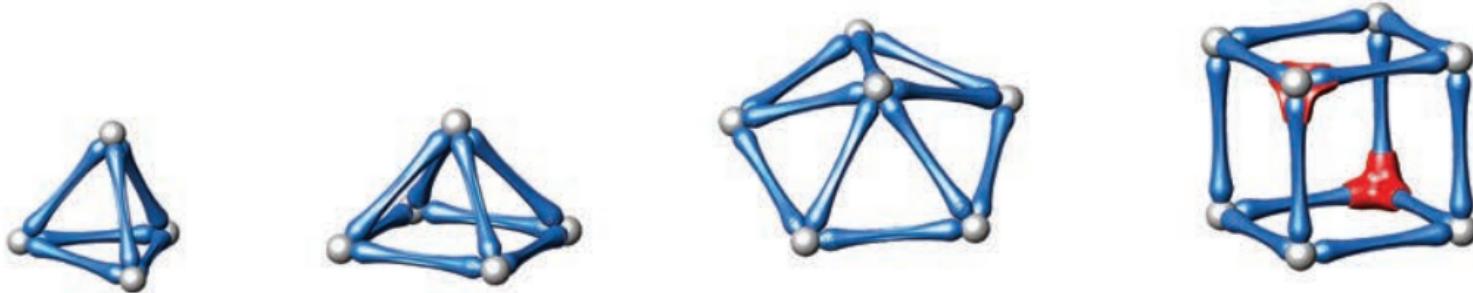
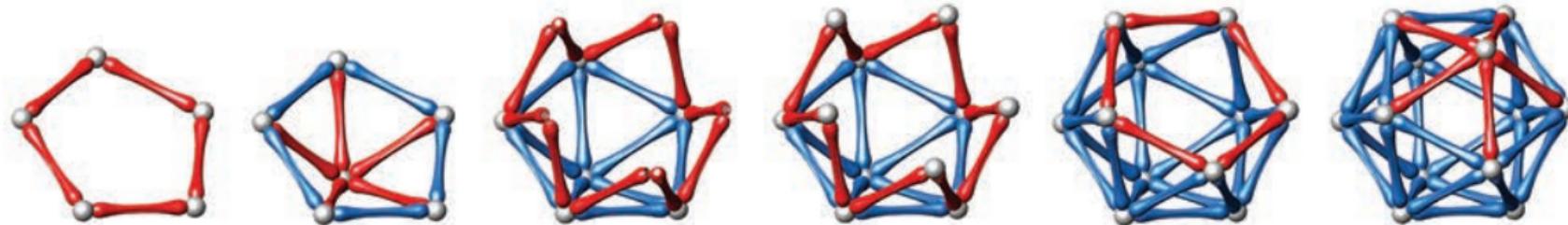


Figure 8



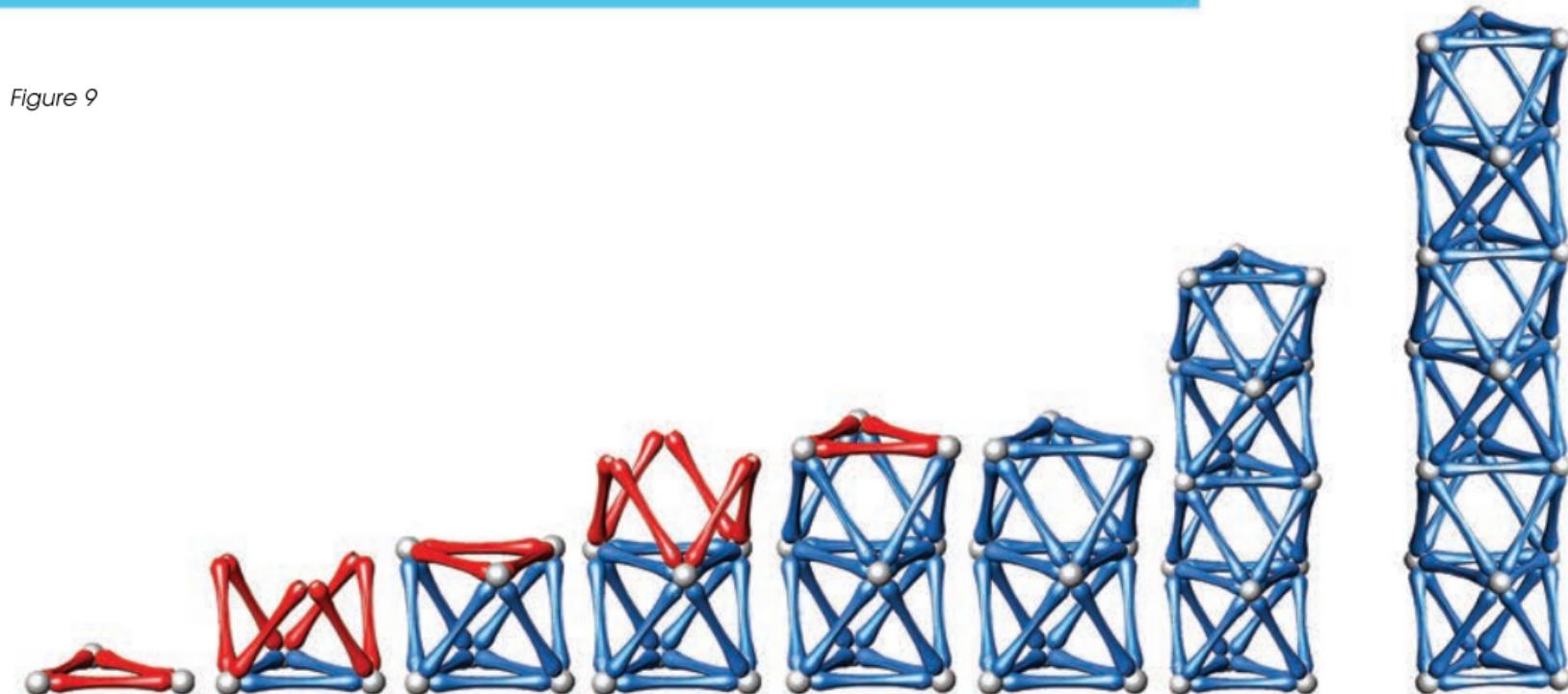


Figure 10

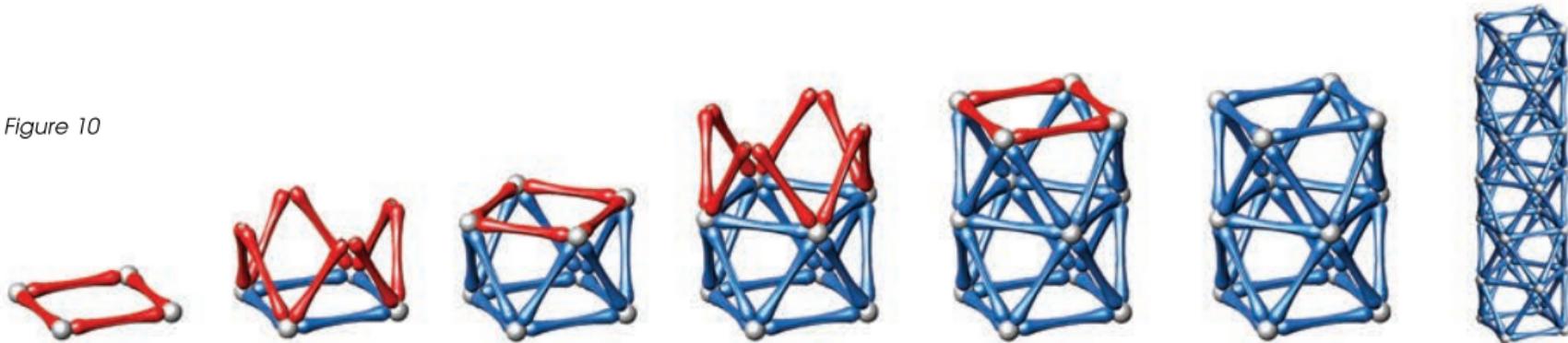


Figure 11

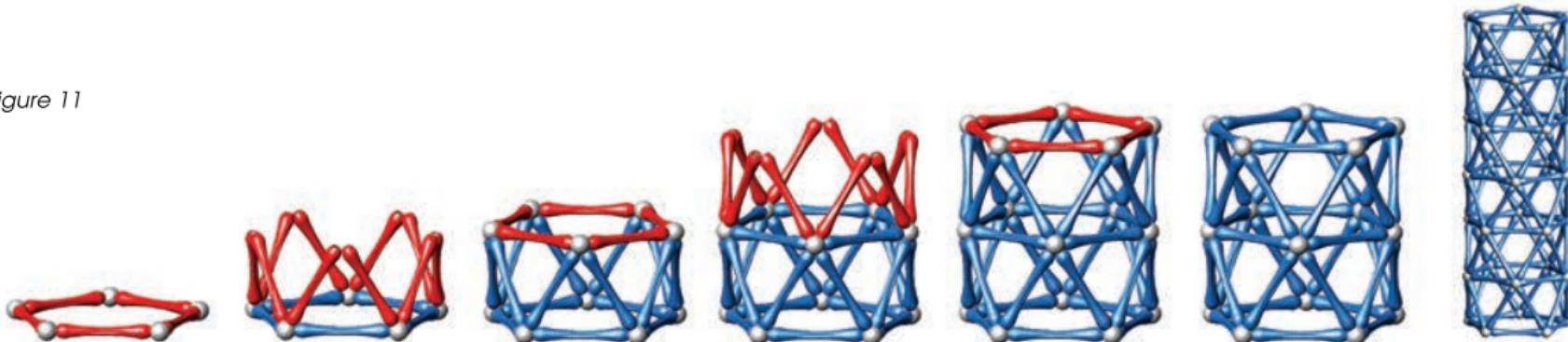
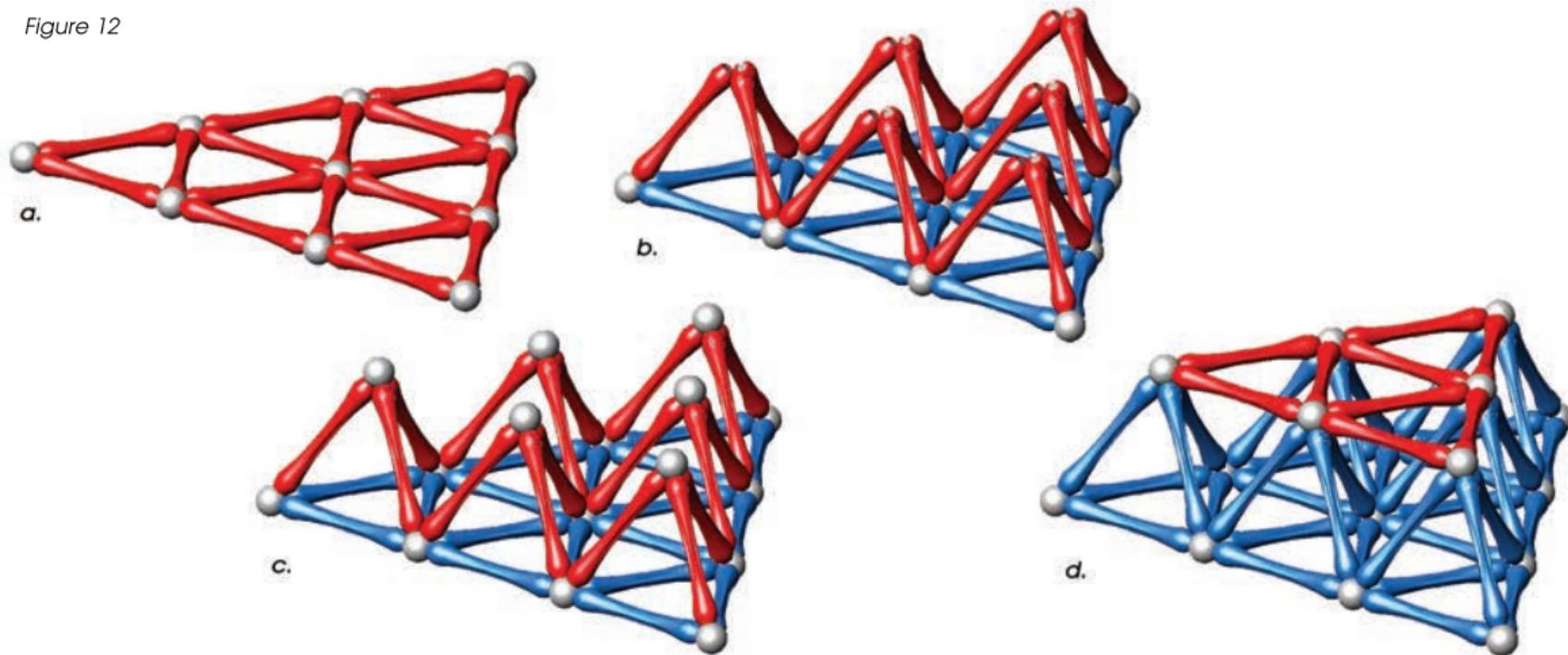
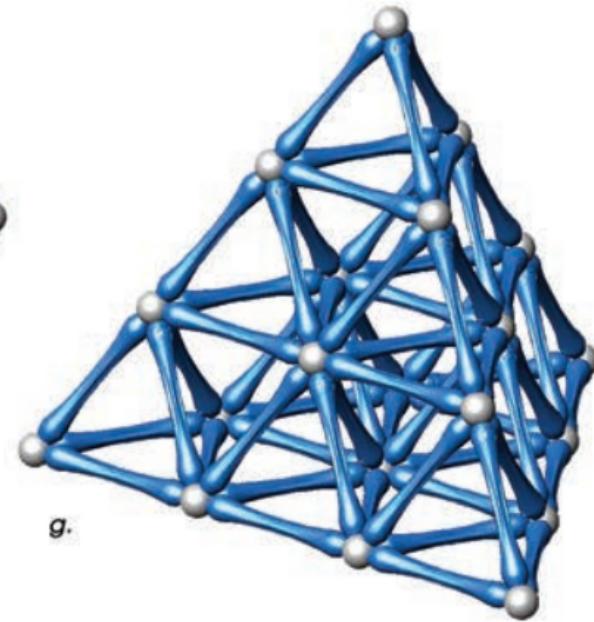
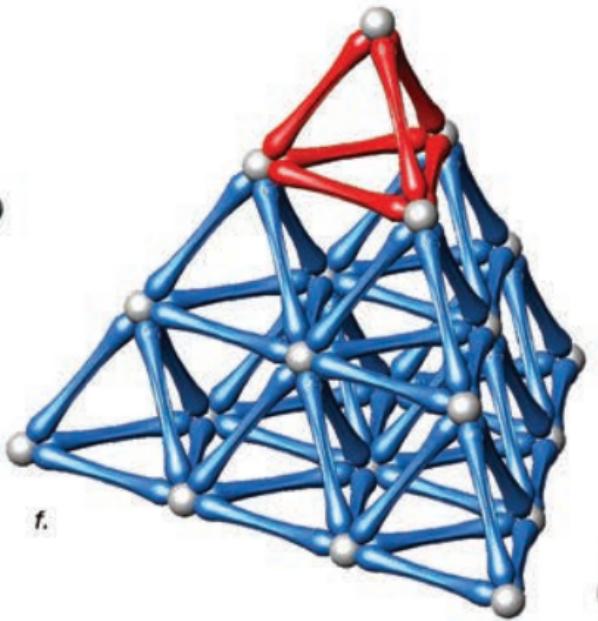
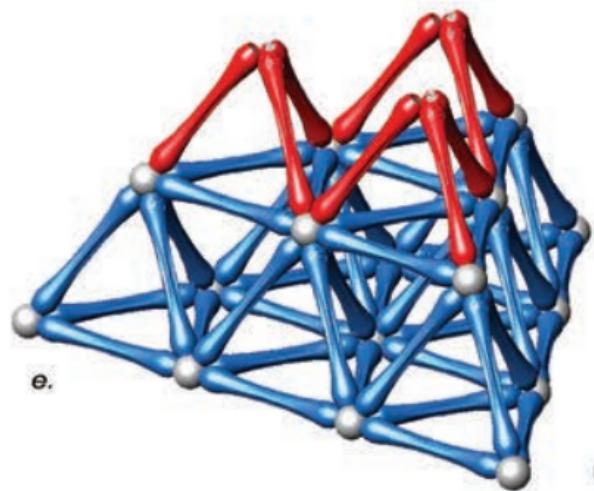


Figure 12





Product Line / Produktlinie / Línea de Producto / Gamme de Produit / Linea di Prodotto



GL-40

- 21
- 12
- 7



GL-70

- 35
- 21
- 14



GL-110

- 56
- 33
- 21



GL-180

- 84
- 61
- 35



GL-300

- 140
- 90
- 70



Triangle



Tetrahedron
(Pyramid)



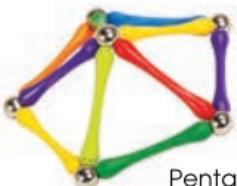
Square
Pyramid



Tetrahedron
(Pyramid)



Dog
House



Pentagonal
Pyramid



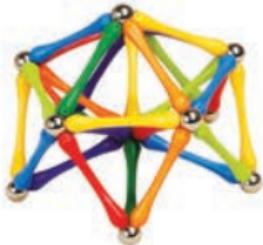
Spinning
Star



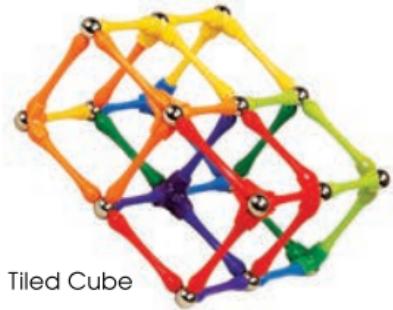
Martian



Octahedron
(Diamond)



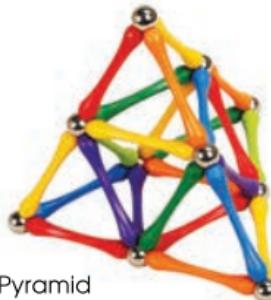
Circus Tent



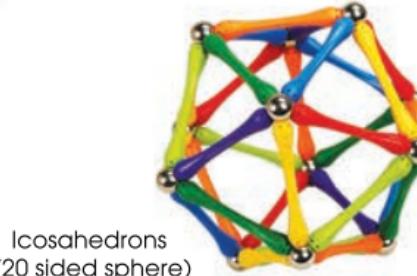
Tiled Cube



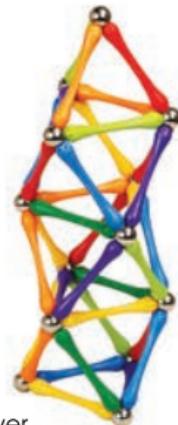
Cube



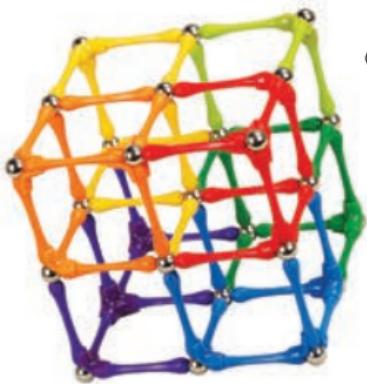
Pyramid



Icosahedrons
(20 sided sphere)



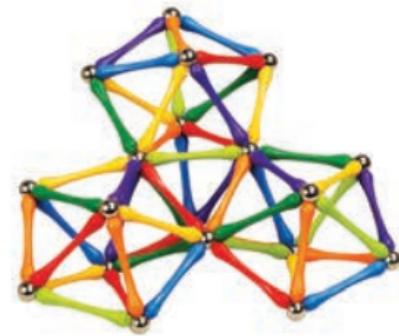
Tower



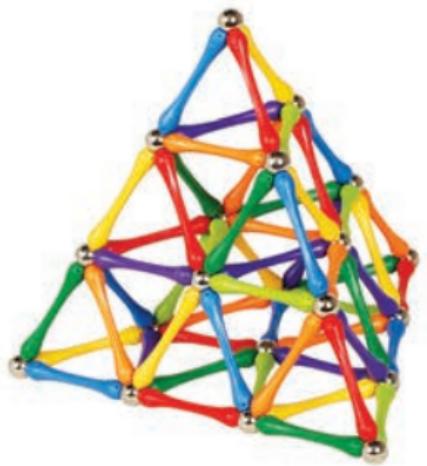
Cube



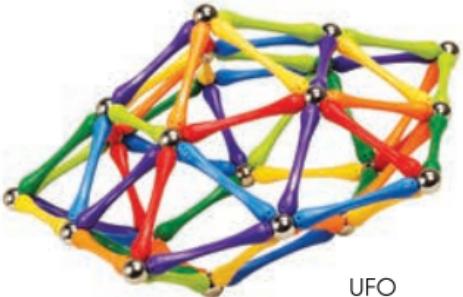
Playhouse



Trio



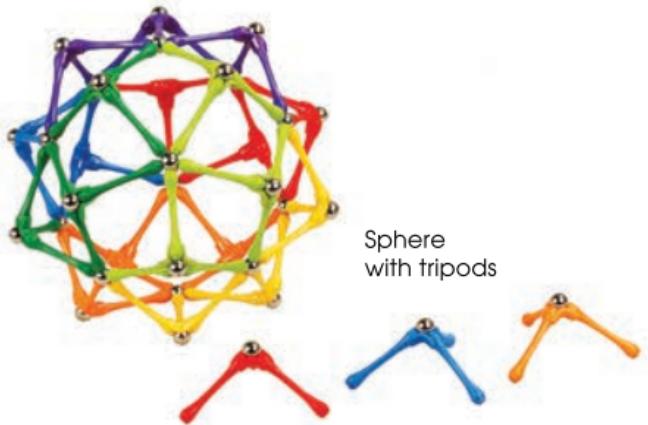
Pyramid



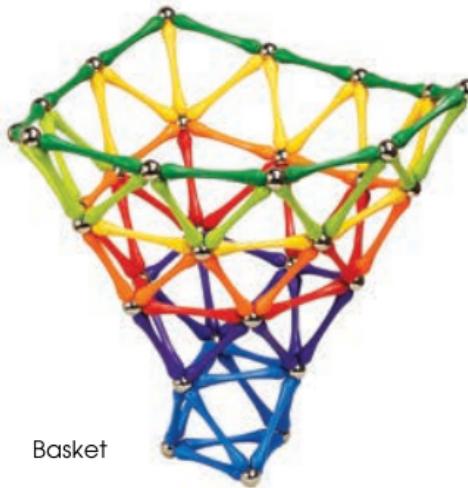
UFO



T-Tower



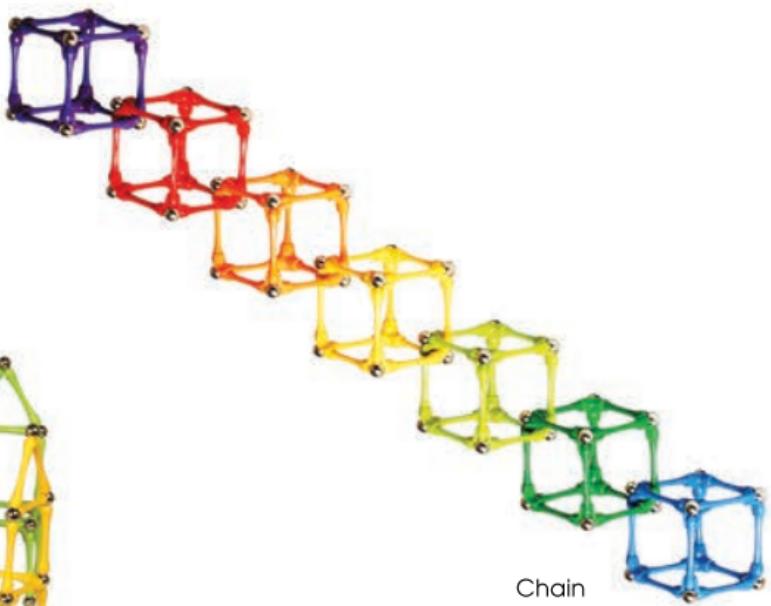
Sphere
with tripods



Basket



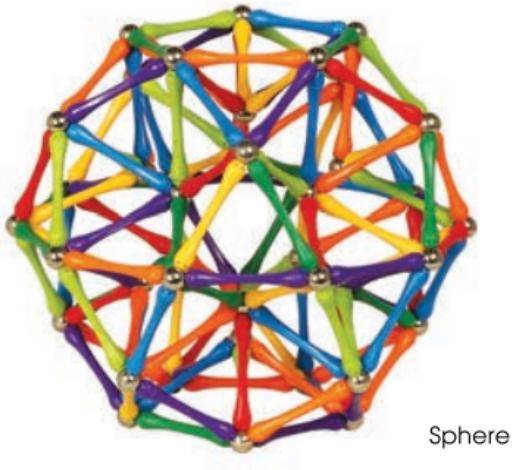
Table & 3 Chairs



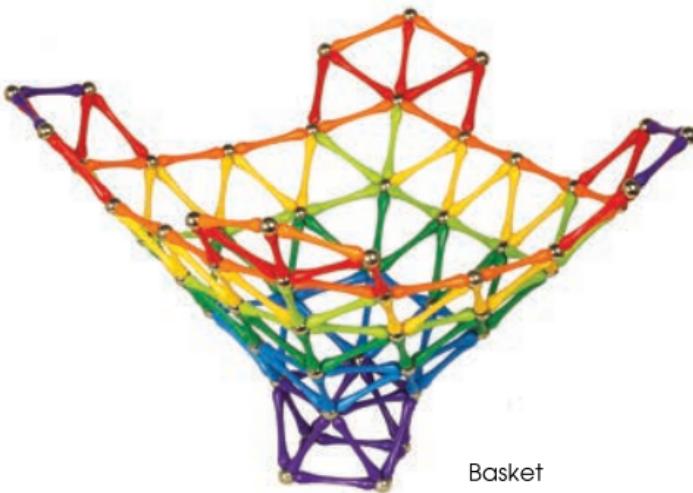
Chain



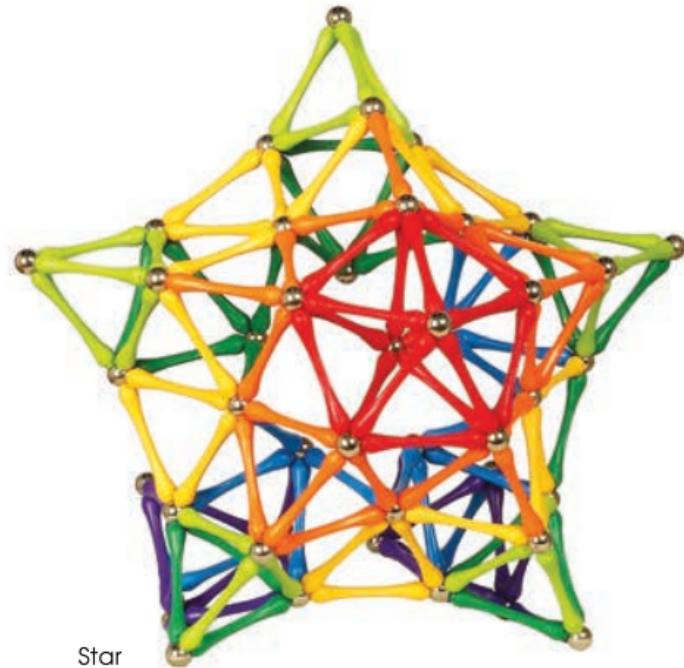
Crane



Sphere



Basket



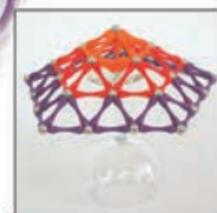
Star



Space Shuttle

Structures / Strukturen / Estructuras /
Structures / Strutture

Spinners

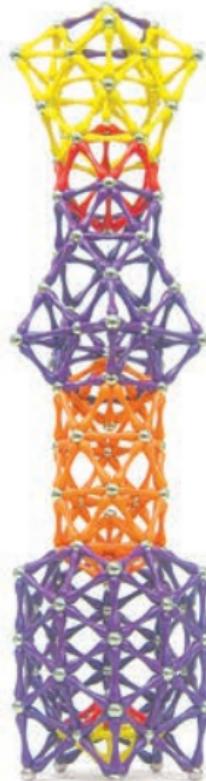
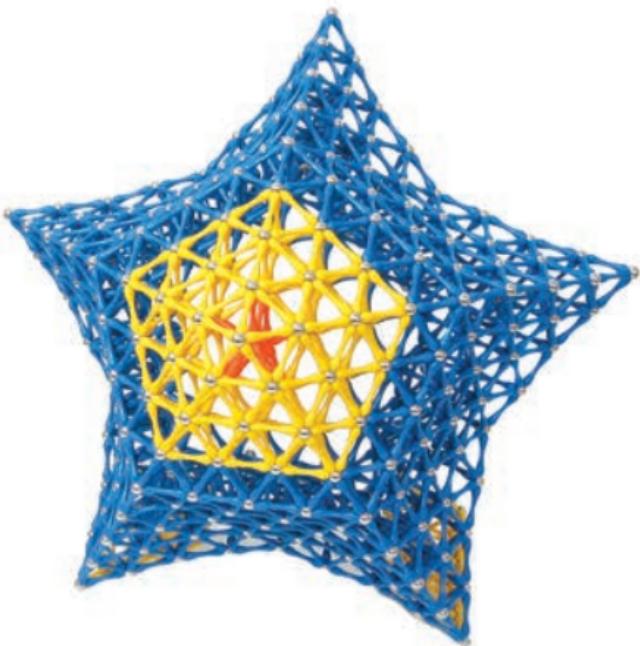




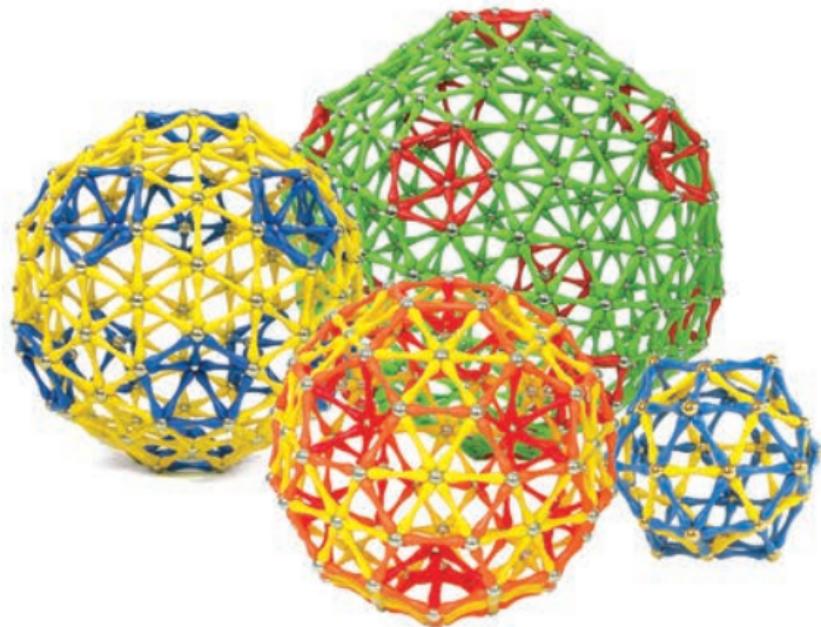
Stars



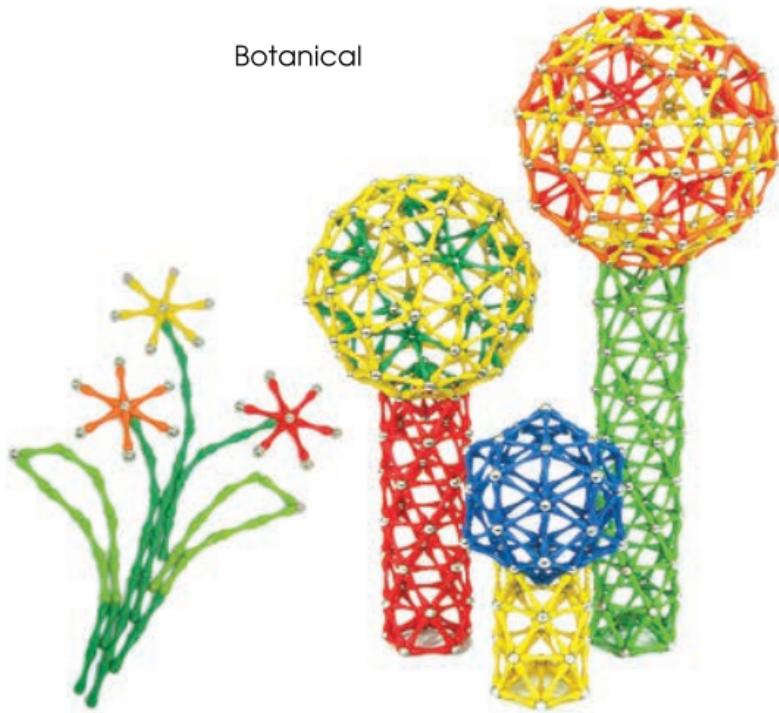
Spaceship



Spheres



Botanical



Spider



Triangle Tower



Hexagon Tower

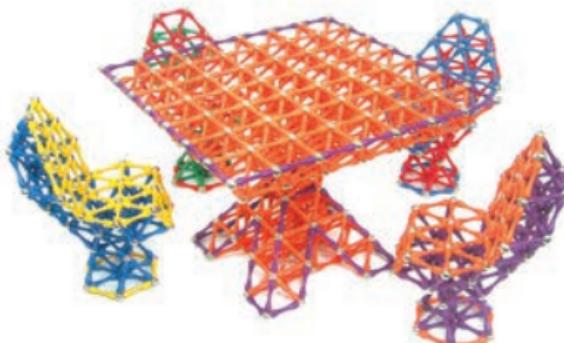


Decagon Tower





Pentagon
Pine Tree



Dinning Set



Square
Pine Tree

Goobi Construction Set contains small balls and small parts that may not be suitable for children under certain ages. For updated age grading please refer to the product box or the official website at www.Goobi.com.

Keep the magnet bars at least 3 inches away from credit cards, TV screens, pacemakers, and other magnetic sensitive data carriers or devices.

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WARNING: This product contains small magnets. Swallowed magnets can stick together across intestines causing serious infections and death. Seek immediate medical attention if magnets are swallowed or inhaled.

