

Unit 5: Momentum and Collisions

Think Sheets

Momentum (1 page)

Impulse and Momentum Change (2 pages)

Impulse-Momentum Change Applications (2 pages)

Action-Reaction and Momentum Conservation (2 pages)

Red Cart vs. Blue Cart (2 pages)

Explosion Analysis (2 pages)

Collision Analysis (2 pages)

Momentum Conservation as a Guide to Thinking (2 pages)

(Each Think Sheet has a corresponding answer key)

Student Lab Sheets

Marshmallow Launcher Lab

Balloon Toss Lab

Explosion Analysis Lab

The Cart and the Brick Lab

(Each Student Lab Sheet has a corresponding Teachers Guide with answers)

BONUS:

Slide Deck

HitAndStickCollisionLab.docx (Lab)

ExplodingCartsSequelKEY.docx (Answer Key)

ExplodingCartsSequel.docx (Think Sheet)

DesmosActivity.docx (Desmos Activity)

CollisionsIntroKEY.docx (Answer Key)

CollisionsIntro.docx (Think Sheet)

CannonLab.docx (Lab)